

CONTENTS

● Products Guide

Products Line Up	2
Applications Guide	11
Inductors Selection by Thickness	14
Cross Reference	15
Part Numbering	18

● EMI Suppression Filter

Ferrite Chip Beads	21
Common Mode Chokes and Balun Filters	59

● Chip Coils / Inductors

Inductors for Power Over Coaxial	115
For General Use (Multilayer/Wire wound)	120
For High Frequency Use (Multilayer/Wire wound)	124
Transponder Inductors	147

● Power Inductors / Chokes

Multilayer Type Power Inductors	153
Sealed Type Power Inductors	156

● Hi-Current Power Inductors

Vertical and Coupled Inductors	181
Mini Molding Type High Current Power Inductors	199
High Current Power Inductors Vibration Resistant	217
Molding Type High Current Power Inductors	222
High Current Power Inductors Vibration Resistant	240
Molding Type High Current Power Inductors	248
High Current Power Inductors Vibration Resistant	282
Molding Type High Current Power Inductors Low Rdc	290
Molding Twin Inductors	324

- Please visit our website: www.tai-tech.com.tw for the latest specification.
- Detailed Specifications are available upon request.
- Customized specifications are available, please contact TAI-TECH for the details.
- 最新規格可瀏覽網站：www.tai-tech.com.tw
- 詳細規格可在需求時提供
- 特殊規格可開發，詳情請洽西北臺慶

Products

■ EMI Suppression Filters : Beads,Common Mode Chokes.

Description	Model	P/N	Package Size	Impedance Range (ohm)	Rated Current (mA)	*OP Temp.	Page
Ferrite Chip Beads		FCM	1005K,M	30 – 1000	50 – 300	150	21
			1608K,H,C	10 – 2000	150 – 700	150	23
			2012K,H	11 – 2000	250 – 900	150	26
			3216K	31 – 600	400 – 900	150	29
High Current Ferrite Chip Beads		HCB	1005P,K,M	10 – 220	1500 – 3000	150	31
			1608Z,K	26 – 600	1000 – 6000	150	33
			2012K	30 – 600	1000 – 3000	150	35
			3216K	30 – 600	1000 – 3000	150	37
			4516K	60 – 80	3000 – 6000	150	39
			4532K,M	80 – 1300	3000 – 6000	150	41
		HFZ	1005P	10 – 600	1000 – 4000	150	43
			1606C,Z	8 – 22	8000	150	45
			1608P	30 – 1000	1500 – 5000	150	47
			2012P	30 – 1000	1600 – 8500	150	49
			3216P	30 – 1000	2000 – 12500	150	51
		HHZ	1608	26 – 1000	740 – 4000	175	53
Ultra High Current Ferrite Beads		BPH	322521	35	21000	125	55
			323023	40	21000	125	56
			403022	40	20000	125	57
			403025	47 – 53	24000-35000	125	57
			853025	100	30000	125	58
Common Mode Chokes		WCM	2012	67 – 1000	100 – 400	125	59
			3216	90 – 2200	200 – 400	125	62
			3225	90 – 1000	400 – 1000	125	65
			4532HI	90 – 2800	900 – 4000	125	67
			4532	80 – 800	1000 – 3000	125	70
			5555	140 – 1400	2800 – 8500	125	72
			7060	70 – 1300	3000 – 15000	125	74
			9070	500 – 2700	3500 – 8000	125	76
			1211	500 – 1700	5500 – 11000	125	78
			1513	300 – 700	10000 – 14000	125	80
		HDMI	2012	67 – 90	300 – 400	125	82
		HSF	1210	15 – 90	200 – 400	125	84
		HSF-H	2012	30 – 120	300 – 400	125	87
		APOC	2012	200 – 390	300 – 500	125	89

Note: Operating Temperature

180: -55℃~+180℃,150: -55℃~+150℃, 125: -55℃(-40℃)~+125℃, 105: -40℃~+105℃,85: -40℃~+85.

165: -55℃~+165℃,155: -55℃~+155℃, 175: -55℃~+175℃.

Products

■EMI Suppression Filters : Beads,Common Mode Chokes,Balun.

Description	Model	P/N	Package Size	Impedance/ Inductance Range (ohm)(uH)	Rated Current(mA)	*OP Temp.	Page
Common Mode Chokes		ACM	3225F	500 – 1000	1500 – 2000	85	90
			3225D	500 – 1000	800– 1500	150	91
			3225D-D	11 – 100uH	150 – 300(CANFD)	150	92
			3225T	11 – 100uH	200 – 300(CANFD)	150	94
			3225U-S	51 – 200uH	70 – 200(CANFD)	125	96
			3225U-D	240uH	70(OA – 10T)	125	98
			3225R-T	100uH	100(OA1000)	125	99
			3225W-D	200uH	70	125	100
			4532N-D	11 – 100uH	200 – 360	150	101
			4532W-D	200uH	100	125	103
			4532N-T	100 – 160uH	100	125	104
			6545N-T	100uH	350	125	105
		ACM	9152Z	100 – 1000	500 – 2000	105	106
			9152L	5 – 51uH	800 – 1200	105	108
		DCM	3216S	60uH	200	105	110
			3532S	75uH	200	125	111
Balun Filters		BCM	2012	-	-	125	112

■Inductors : Chip Inductors ,Wire Wound Inductors.

Description	Model	P/N	Package Size	Impedance/ Inductance Range (ohm)(uH)	Rated Current(mA)	*OP Temp.	Page
Inductors for Power Over Coaxial		APO	201216N	0.47 – 2.00uH	450 – 1000	150	115
			322523N	2.20 – 47.00uH	300 – 1000	150	116
			322523T	2.20 – 15.00uH	400 – 1100	150	117
			322530N	2.20 – 22.00uH	720 – 2200	150	118
			453225N	10.00 – 22.00	700 – 1000	125	119

Note: Operating Temperature
 180: -55℃~+180℃ ,150: -55℃~+150℃ , 125: -55℃(-40℃)~+125℃ , 105: -40℃~+105℃ ,85: -40℃~+85℃ .
 165: -55℃~+165℃ ,155: -55℃~+155℃ .

Products

■Inductors : Chip Inductors ,Wire Wound Inductors.

Description	Model	P/N	Package Size	Inductance Range (uH)	Rated Current(mA)	*OP Temp.	Page
Multilayer Chip Inductors		FCI	1005	1.00 – 2.20	10 – 15	125	120
			1608	0.047 – 10.00	15 – 50	125	121
			201209/12	0.047 – 10.00	15 – 300	125	122
			3216	1.00 – 10.00	25 – 100	125	123
Wire Wound Inductors		SWF-LV	1608	0.047 – 10.00	270 – 1500	125	124
		SWF-CV/RIV	1608 CV	0.047 – 10.00	180 – 1400	125	126
			2012 CV	0.47 – 33.00	145 – 750	125	128
			2520 CV	1.00 – 33.00	236 – 1000	125	129
			3225 CV	1.00 – 680	76 – 1200	125	130
			1608 RIV	0.10 – 22.00	200 – 1700	125	131
			2012 RIV	0.10 – 22.00	240 – 1900	125	132
		SNLU-C	252018	1.00 – 33.00	120 – 475	125	133
			322522	1.00 – 33.00	70 – 1000	125	134
			453232	1.00 – 1000	70 – 1300	125	135
		SNLU-Q	252018	0.01 – 100	60-530	125	136
			322522	0.01 – 150	65-450	125	138
			453232	1.00 – 1000	55-600	125	140
Wire Wound Inductors for High Frequency		SWI	0603	2.00 – 390(nH)	100 – 700	125	141
			0805U	2.80 – 1200(nH)	170 – 800	125	143
			1008	10.00 – 10000(nH)	170 – 1000	125	145
Transponder Inductors		PAS XY Type	3225	150 – 1340	50 – 200	125	147
			4420	300 – 3500	20 – 70	125	148
			6420	5200 – 7200	15 – 30	125	149
			8027	4500 – 18520	20	125	150
			1225	100 – 7200	50 – 300	125	151

Note: Operating Temperature
 180: -55℃~+180℃,150: -55℃~+150℃, 125: -55℃(-40℃)~+125℃, 105: -40℃~+105℃,85: -40℃~+85℃.
 165: -55℃~+165℃,155: -55℃~+155℃.

Products

■Inductors : Chip Inductors ,Sealed Type Wire Wound Inductors.

Description	Model	P/N	Package Size	Inductance Range (uH)	Irms (A)	Isat (A)	*OP Temp.	Page
Multilayer Chip Power Inductors		CPI	160809	0.33 – 2.20	0.35 – 0.90	–	125	152
			201210	0.47 – 4.70	0.70 – 1.20	–	125	153
			201610	0.47 – 4.70	0.90 – 1.60	–	125	154
		FCH	160808	1.00 – 4.70	1.00 – 1.70	–	125	155
Sealed Type Power Inductors		AHP	201610BMV	0.47 – 10.00	0.90 – 4.00	1.30 – 6.80	125	156
			201612BMV	0.47 – 4.70	1.50 – 4.30	2.10 – 7.20	125	157
			252010BMV	0.24 – 4.70	1.70 – 5.60	2.20 – 9.50	125	158
			252012BMV	0.24 – 10.00	1.20 – 6.30	1.40 – 10.00	125	159
			3012BMV	0.30 – 4.70	2.00 – 6.40	3.70 – 11.50	125	160
			3015BMV	0.47 – 22.00	1.00 – 5.80	1.90 – 12.00	125	161
			4020BMV	0.22 – 15.00	1.80 – 9.50	2.80 – 23.00	125	162
		AHP-CBV	201610CBV	0.47 – 10.00	0.90 – 4.00	1.30 – 7.30	125	163
			252012CBV	0.24 – 10.00	1.20 – 6.30	1.50 – 11.00	125	164
			3010CBV	0.22 – 10.00	1.10 – 6.00	2.20 – 11.50	125	165
			3012CBV	0.30 – 10.00	1.30 – 6.40	2.20 – 12.00	125	166
			3015CBV	0.33 – 10.00	1.60 – 6.20	2.90 – 13.00	125	167
			3020CBV	0.47 – 22.00	1.10 – 6.10	2.40 – 13.00	125	168
		HPC	201610BMV	0.24 – 22.00	0.50 – 5.20	0.38 – 4.10	125	169
			201612BMV	0.33 – 22.00	0.55 – 4.80	0.40 – 3.50	125	170
			252010BMV	0.47 – 22.00	0.62 – 3.00	0.52 – 3.30	125	171
			252012BMV	0.22 – 22.00	0.80 – 6.00	0.63 – 5.50	125	172
			3015BMV	0.24 – 100.00	0.40 – 5.00	0.33 – 6.00	125	173
			5020NV	1.00 – 47.00	0.70 – 4.10	0.70 – 5.00	125	174
			5040NV	0.60 – 100.00	0.72 – 8.00	0.75 – 11.00	125	175
			6020NV	1.00 – 22.00	1.40 – 4.50	1.30 – 6.20	125	176
			6028NV	1.00 – 470.00	0.32 – 5.20	0.32 – 5.75	125	177
			6045NV	0.36 – 470.00	0.40 – 9.00	0.50 – 18.00	125	178
			8040NV	0.50 – 470.00	0.63 – 12.00	0.60 – 17.00	125	180

Note: Operating Temperature

180: -55℃~+180℃,150: -55℃~+150℃, 125: -55℃(-40℃)~+125℃, 105: -40℃~+105℃,85: -40℃~+85℃.
165: -55℃~+165℃,155: -55℃~+155℃.

Products

■ Hi-Current Power Inductors

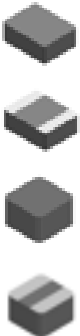
Description	Model	P/N	Package Size	Inductance Range(uH)	Irms (A)	Isat (A)	*OP Temp.	Page
Vertical and Coupled Inductors		THFD	2811R2V	2.20 – 8.20	40.00 – 72.00	40.00 – 83.00	155	181
			3822SV	0.68 – 3.30	96.00 – 154.00	124.00 – 420.00	155	182
			5022SV	2.20	0.21 – 0.23	190.00 – 280.00	155	183
		TVMP-HV	116910HV	0.15	55.00	120.00	125	184
			117210HV	0.40	40.00	65.00	125	185
		TVMP-SV	116799SV	0.15 – 0.33	35.00 – 55.00	75.00 – 90.00	125	186
			120611LNV	0.09 – 0.15	90.00	120.00 – 135.00	155	187
		TVMP-LNV	504060LNV	0.085	50.00	70.00	125	188
			735060LNV	0.06 – 0.085	57.00 – 62.00	82.00 – 110.00	125	189
		TVMP-P4V	805060P4V	0.085	50.00	70.00	125	190
			988669P4V	0.065	45.00	100.00	125	191
			107360P4V	0.06 – 0.085	68.00 – 74.00	88.00 – 105.00	125	192
			114275P4V	0.085	32.00 – 35.00	85.00 – 95.00	125	193
		TVMP-P8V	108060P8V	0.085	50.00	80.00	125	194
			0778P4V	0.82 – 22.00	3.20 – 14.00	4.60 – 24.00	125	195
			0882P4V	5.60 – 22.00	4.00 – 8.00	6.50 – 15.00	125	196
			1094P4V	1.00 – 22.00	5.00 – 21.00	8.50 – 50.00	125	197
			1010P4V	3.30 – 15.00	6.00 – 14.00	6.00 – 15.00	125	198

Note: Operating Temperature

180: -55℃~+180℃, 150: -55℃~+150℃, 125: -55℃(-40℃)~+125℃, 105: -40℃~+105℃, 85: -40℃~+85℃, 165: -55℃~+165℃, 155: -55℃~+155℃.

Products

■ Hi-Current Power Inductors

Description	Model	P/N	Package Size	Inductance Range(uH)	Irms (A)	Isat (A)	*OP Temp.	Page
Mini Molding Type High Current Power Inductor		TMIM	201610AV	0.10 – 4.70	1.40 – 8.00	2.10 – 9.00	150	199
			201612AV	0.15 – 4.70	1.50 – 7.50	1.60 – 9.00	150	200
			252010AV	0.22 – 4.70	1.70 – 7.20	1.80 – 7.70	150	201
			252012AV	0.10 – 4.70	2.00 – 10.00	2.80 – 14.00	150	202
			0312AV	0.12 – 10.00	1.90 – 11.00	2.00 – 17.00	150	203
			0302AV	0.12 – 10.00	2.00 – 16.00	2.00 – 20.00	150	204
			322510AV	0.22 – 4.70	2.00 – 8.00	2.20 – 9.00	150	205
			322512AV	0.10 – 4.70	2.20 – 12.00	2.80 – 18.00	150	206
			322520AV	0.33 – 4.70	2.80 – 8.50	3.40 – 11.00	150	207
			353220AV	0.07 – 10.00	3.20 – 18.00	2.50 – 25.00	150	208
			0412AV	0.47 – 10.00	2.40 – 9.00	2.30 – 11.00	150	209
			0418SV	0.12 – 2.20	6.20 – 25.00	6.20 – 30.00	150	210
			0402SV	0.10 – 4.70	5.50 – 34.00	5.00 – 37.00	150	211
			0403SV	0.22 – 4.70	6.60 – 27.20	5.80 – 30.00	150	212
			0524SV	0.15 – 4.70	7.00 – 38.00	7.00 – 44.00	150	213
			0503SV	0.10 – 4.70	9.00 – 52.00	9.00 – 73.00	150	214
			0602SV	0.18 – 5.60	7.00 – 35.00	5.30 – 36.00	150	215
			0603SV	0.20 – 10.00	6.00 – 37.00	5.00 – 42.00	150	216

Note: Operating Temperature

180: -55℃~+180℃, 150: -55℃~+150℃, 125: -55℃(-40℃)~+125℃, 105: -40℃~+105℃, 85: -40℃~+85℃.

165: -55℃~+165℃, 155: -55℃~+155℃.

Products

■ Hi-Current Power Inductors

Description	Model	P/N	Package Size	Inductance Range(uH)	Irms (A)	Isat (A)	*OP Temp.	Page
High Current Power Inductors Vibration Resistant		THMA	0301SV	4.70 – 10.00	1.20 – 1.50	1.40 – 1.90	165	217
			040HSV	5.60 – 10.00	1.40 – 1.70	1.60 – 2.30	165	218
			0421SPV	0.10 – 10.00	2.80 – 24.00	2.70 – 26.00	165	219
			0503SPV	0.47 – 22.00	3.60 – 18.00	2.20 – 14.00	165	220
			0603SV	0.22 – 10.00	6.00 – 36.00	4.00 – 35.00	165	221
Molding Type High Current Power Inductor High Irms.	 	TMPA-HTV	0603HTV	0.47 – 22.00	3.40 – 20.00	3.00 – 21.00	180	222
			1004HTV	1.00 – 68.00	3.50 – 27.00	3.50 – 29.00	180	223
			1265HTV	0.22 – 33.00	7.60 – 45.00	8.00 – 75.00	180	224
		TMPA	0402SPV	0.10 – 15.00	1.50 – 16.00	1.60 – 26.00	155	225
			0503SV	0.10 – 33.00	2.10 – 26.00	1.70 – 33.00	155	226
			0603SV	0.10 – 33.00	2.10 – 35.00	2.50 – 45.00	155	227
			0604SV	0.33 – 6.80	7.60 – 25.00	6.80 – 28.00	155	228
			0605SV	0.15 – 100.00	1.80 – 35.00	1.20 – 45.00	155	229
			1003SV	0.22 – 8.20	7.20 – 33.00	7.20 – 50.00	155	231
			1004SV	0.15 – 100.00	2.00 – 44.00	2.70 – 82.00	155	232
			1005SV	0.30 – 100.00	2.20 – 36.00	2.80 – 55.00	155	234
			1205SPV	0.10 – 150.00	2.70 – 57.00	3.20 – 95.00	155	235
			1206SPV	0.33 – 150.00	2.60 – 63.00	4.10 – 70.00	155	236
			1265SPV	0.10 – 100.00	5.00 – 65.00	5.00 – 120.00	155	237
			1707SPV	0.15 – 100.00	6.00 – 70.00	6.50 – 140.00	155	238
			2313SPV	0.47 – 250.00	6.50 – 80.00	5.00 – 140.00	155	239

Note:Operating Temperature

180: -55℃~+180℃,150: -55℃~+150℃, 125: -55℃(-40℃)~+125℃, 105: -40℃~+105℃,85: -40℃~+85℃.

165: -55℃~+165℃,155: -55℃~+155℃.

Products

■ Hi-Current Power Inductors

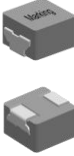
Description	Model	P/N	Package Size	Inductance Range(uH)	Irms (A)	Isat (A)	*OP Temp.	Page
High Current Power Inductors Vibration Resistant		THMC	0421SPV	0.10 – 15.00	2.40 – 19.00	2.40 – 35.00	150	240
			0524SPV	0.22 – 0.33	19.00 – 22.00	25.00 – 30.00	150	241
			0503SPV	0.24 – 22.00	3.10 – 25.00	3.50 – 38.00	150	242
			0602SV	0.20 – 12.00	3.70 – 23.00	4.30 – 38.00	150	243
			0624SV	0.20 – 10.00	5.00 – 25.00	5.50 – 41.00	150	244
			0603SV	0.22 – 10.00	5.30 – 35.00	5.50 – 45.00	150	245
			0604SV	0.15 – 0.22	30.00 – 40.00	55.00 – 70.00	150	246
			100424SV	0.075	50.00 – 60.00	65.00 – 70.00	150	247
Molding Type High Current Power Inductors		TMPC	0312HV	0.15 – 10.00	1.00 – 10.00	1.40 – 14.00	125	248
			0315HV	0.22 – 10.00	1.20 – 7.00	1.60 – 10.80	125	249
			0302HV	0.10 – 10.00	1.40 – 10.50	1.60 – 14.00	125	250
			0412HPV	0.10 – 22.00	0.80 – 11.50	1.00 – 25.00	125	251
			0415HPV	0.12 – 10.00	1.50 – 15.00	1.90 – 20.00	125	252
			0402HPV	0.33 – 22.00	1.20 – 10.00	1.40 – 18.00	125	253
			0512HPV	0.10 – 10.00	1.50 – 14.00	1.80 – 14.50	125	254
			0515HPV	0.20 – 22.00	1.20 – 15.00	1.70 – 22.50	125	255
			0518HPV	0.33 – 15.00	1.70 – 11.00	2.30 – 15.00	125	256
			0502HPV	0.10 – 22.00	1.50 – 18.00	1.80 – 45.00	125	257
			0503HPV	0.10 – 22.00	2.20 – 24.00	2.70 – 40.00	125	258
			0503HV	0.10 – 33.00	1.60 – 23.00	1.60 – 27.00	125	259
			053TV	0.10 – 4.70	4.50 – 20.00	5.00 – 34.00	125	260
			0612HV	0.22 – 10.00	1.80 – 11.00	2.50 – 19.00	125	261
			0615HV	0.22 – 22.00	1.50 – 14.00	2.50 – 22.00	125	262
			0618HV	0.22 – 10.00	2.30 – 16.00	3.50 – 26.00	125	263
			0602HV	0.10 – 22.00	1.50 – 21.00	2.50 – 40.00	125	264
			0624HV	0.22 – 10.00	3.20 – 21.00	5.00 – 34.00	125	265
			0603HV	0.10 – 10.00	3.50 – 32.50	6.00 – 60.00	125	266
			0604HV	0.15 – 15.00	3.00 – 30.00	4.00 – 55.00	125	268
			0605HV	0.33 – 22.00	2.50 – 25.00	5.50 – 32.00	125	269
			8040HPV	0.22 – 10.00	5.60 – 31.00	10.0 – 60.00	125	270
			1003HV	0.36 – 10.00	5.00 – 23.00	8.00 – 40.00	125	271
			1004HV	0.15 – 22.00	5.00 – 43.00	7.00 – 75.00	125	272
			1005HV	0.30 – 68.00	2.50 – 38.00	4.00 – 65.00	125	274
			120804HV	0.22 – 0.47	30.00 – 31.00	60.0 – 80.0	125	275
			1235HPV	1.00 – 10.00	7.50 – 24.00	14.00 – 40.00	125	276
			1205HPV	0.20 – 22.00	6.50 – 52.00	10.00 – 110.00	125	277
			1206HPV	1.00 – 47.00	5.50 – 29.00	11.00 – 53.00	125	278
			1265HPV	0.15 – 47.00	4.00 – 32.50	9.50 – 60.00	125	279
			1707HPV	1.00 – 100.00	5.30 – 52.00	6.50 – 60.00	125	281

Note: Operating Temperature

180: -55℃~+180℃, 150: -55℃~+150℃, 125: -55℃(-40℃)~+125℃, 105: -40℃~+105℃, 85: -40℃~+85℃, 165: -55℃~+165℃, 155: -55℃~+155℃.

Products

■ Hi-Current Power Inductors

Description	Model	P/N	Package Size	Inductance Range(uH)	Irms (A)	Isat (A)	*OP Temp.	Page
High Current Power Inductors Vibration Resistant		TMPV	0503SPV	0.68 – 22.00	2.20 – 12.00	2.00 – 11.70	165	282
			0504SPV	0.47 – 22.00	2.70 – 13.50	3.50 – 16.30	165	283
			0603SV	0.47 – 22.00	2.90 – 19.00	3.00 – 19.00	165	284
			0754SV	0.47 – 100.00	2.20 – 24.00	2.00 – 26.00	165	285
			0854SV	1.00 – 47.00	3.50 – 15.50	5.20 – 22.00	165	286
			1004SV	0.47 – 47.00	3.60 – 34.00	4.00 – 31.00	165	287
			1054SV	0.33 – 100.00	2.70 – 41.00	4.00 – 60.00	165	288
			1265SPV	0.22 – 100.00	3.80 – 56.00	4.50 – 100.00	165	289
Molding Type High Current Power Inductors Low Rdc.		TMPF-HCV	0421HCV	0.042 – 4.70	5.70 – 40.00	4.80 – 52.00	155	290
			0425HCV	0.13 – 4.70	6.00 – 32.00	5.00 – 35.00	155	292
			0431HCV	0.13 – 8.20	4.30 – 32.00	4.00 – 30.00	155	293
			0521HCV	0.16 – 4.70	7.90 – 30.00	7.00 – 37.00	155	294
			0531HCV	0.18 – 8.20	6.50 – 34.00	6.50 – 45.00	155	295
			0505HCV	0.18 – 22.00	4.50 – 35.00	5.00 – 40.00	155	297
			0621HCV	0.18 – 6.80	6.50 – 34.00	5.30 – 40.00	155	299
			0631HCV	0.18 – 10.00	7.00 – 35.00	6.50 – 50.00	155	300
			0606HCV	0.18 – 22.00	6.00 – 43.00	5.50 – 55.00	155	302
			1006HCV	1.00 – 10.00	13.00 – 40.00	15.50 – 48.00	155	303
		TMPF	0402LRV-ABD	0.47 – 2.20	8.00 – 13.20	6.00 – 14.00	155	304
			0402AV-ABD	0.10 – 1.80	7.00 – 18.00	7.50 – 38.00	155	305
			0403LRV-ABD	0.90 – 3.30	6.60 – 11.20	6.20 – 10.00	155	306
			0502AV-ABD	0.15 – 1.50	8.80 – 18.80	13.30 – 30.00	155	307
			0503AV-ABD	0.15 – 4.70	5.90 – 22.20	8.20 – 36.00	155	308
			0505LRV-ABD	5.60 – 8.20	6.10 – 13.80	7.20 – 11.00	155	309
			0603AV-ABD	0.18 – 4.70	6.00 – 32.00	9.00 – 40.00	155	310
			0604AV-ABD	0.47 – 5.60	6.70 – 24.00	9.80 – 31.00	155	311
			0605AV-ABD	0.82 – 8.20	6.20 – 21.00	8.00 – 24.00	155	312
			0606LRV-ABD	1.00 – 22.00	5.00 – 19.00	5.60 – 18.00	155	313
			0702AV-ABD	0.15 – 1.80	8.00 – 24.00	15.00 – 51.00	155	314
			0703AV-ABD	0.33 – 5.60	7.30 – 25.00	12.50 – 45.00	155	315
			0705AV-ABD	1.80 – 5.60	10.00 – 16.00	13.00 – 25.00	155	316
			0707AV-ABD	2.20 – 10.00	7.00 – 17.80	10.00 – 19.60	155	317
			0808AV-ABD	3.30 – 10.00	8.70 – 18.00	11.00 – 23.00	155	318
			1006AV-ABD	2.20 – 10.00	9.00 – 20.00	15.00 – 35.00	155	319
			1010AV-ABD	3.30 – 15.00	13.80 – 25.00	15.50 – 27.40	155	320
			1508AV-ABD	2.00 – 22.00	12.00 – 40.00	19.00 – 57.00	155	321
			1510AV-ABD	4.70 – 33.00	13.00 – 30.00	18.70 – 43.00	155	322
			1513AV-ABD	4.70 – 33.00	14.00 – 31.00	19.00 – 44.00	155	323
Molding Twin Inductors		TBMA	1004P4V	0.43 – 33.00	3.40 – 27.00	4.60 – 38.00	155	324

Note: Operating Temperature

180: -55℃~+180℃, 150: -55℃~+150℃, 125: -55℃(-40℃)~+125℃, 105: -40℃~+105℃, 85: -40℃~+85℃.

165: -55℃~+165℃, 155: -55℃~+155℃.

Application Guide: Automotive Electronic System and Sub-System.

System	Sub-System	TAI-TECH Products	System	Sub-System	TAI-TECH Products	System	Sub-System	TAI-TECH Products
EV/HEV	Plug-in Battery Charger	ACM3225	Sensor System	TPMS(Wheel Module)	PAS	Car Multi-media System	Gateway-ECU	ACM3225
	Inverter&Boost Converter	ACM3225		View Camera(PoC Camera control)	HCB1608		Cluster(Meter)	TMPA1004
		FCM1608			ACM3225			ACM3225
	DC/DC Converter	ACM3225		View Camera-ECU(PoC Camera control)	TMPA0603		IVI / Navigation system Block diagram	FCM
	Battery Management System	ACM3225			HCB1608			ACM3225
ECU/ECM	Start-Stop System	FCM1608	Front Sensing Camera	TMPA0603	Telematics(TUC)			ACM3225
		ACM3225		ACM3225			CPI201610	
	ESP	ACM3225		Millimeter-Wave Radar(Long Range)			WCM2012	Telematics(Cellular Modules Block diagram)
		TMPA1265			ACM4532		FCM	
	ECM-ECU	ACM3225			FCM1608		Telematics(DSRC (5.9GHz)Block Diagram)	
	PEPS system	FCM	Millimeter-Wave Radar(Short Range)	TMPA0603	Telematics (Bluetooth,Wireless LAN Block Diagram)			CPI
		BPH		ACM3225				HPC
	PEPS -ECU	TMPF		HID Lamp			TMPA	FCM
	DC Motors	TMPA1004	TMPV		HCB			
	ECU(BCM)	ACM3225	Lightting	LED Lamp	TMPA		CPI	
ABS	ACM3225	TMPV						
Air-Bag ECU/Draft	ACM3225							



AEC-Q200



Application Guide:

AEC-Q200 Temperature Grade.

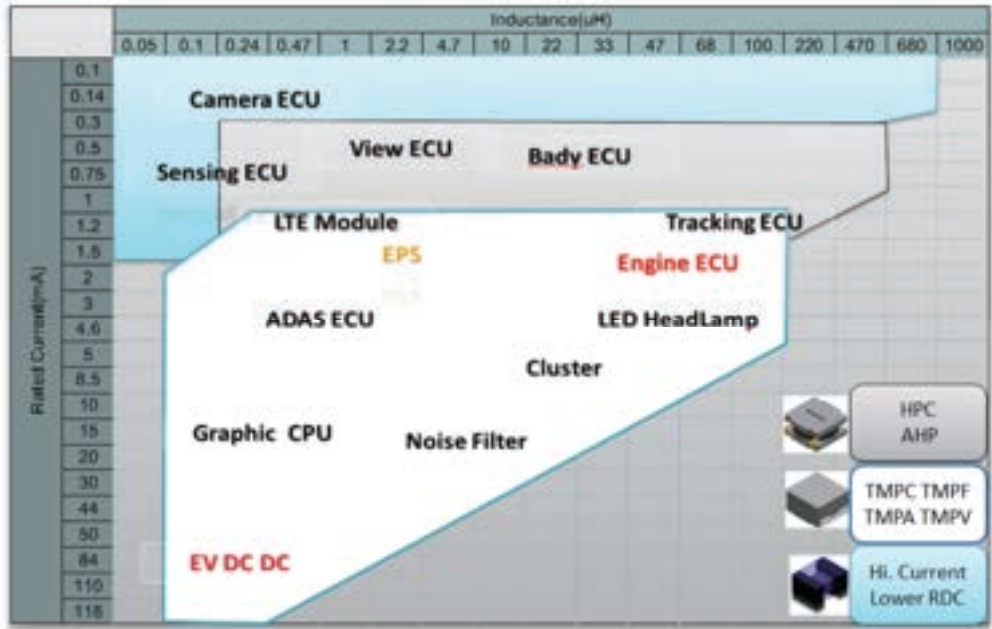
Series Item		Grade3 (-40~85-105℃)	Grade2 (-40~125℃)	Grade1 (-55~125℃)	Grade0 (-55~150-155℃)	Higher (-55~165-180℃)
EMI Suppression Filters	Ferrite Chip Beads		BPH(3225-8530)		FCM(1005-3216)	HHZ(1608)
					HCB(1005-4532)	
					HFZ(1005-3216)	
					APO(2012-3225)	
	Common Mode Chokes	ACM(3225-9152)	DCM(3532)	HSF(1210-2012)	ACM(3225-4532)	
		DCM(3216)	WCM(5555-1513)	WCM(2012-4532)		
			ACM(3225-6545)	HDMI(2012)		
				APOC(2012)		
	Balun			BCM(2012)		
Chip Coils Inductors	Incutors for General Use		APO(4532)	CPI(1608-2016)		
			SNLU(2520-4532)	FCI(1005-3216)		
				FCH(1608)		
				SWF(1608-3225)		
	High Freq.			SWI(0603-1008)		
	Low Frequency Antenna			PAS(3225-1225)		
Power Inductors	Power Inductors			AHP(2016-4020)	TVMP(1206)	TMPA(0603-1265)
				HPC(2016-8040)	TTMA(1010)	THMA(0301-0603)
				TMPC(0312-1707)	TMPA(0402-22313)	TMPV(0503-1265)
				TVMP(0778-9886)	TMPF(0402-1513)	
					TBMA(1004)	
					THMC(0421-1004)	
					TMIM(2016-0603)	
					THFD(2811-5022)	



AEC-Q200



Power Inductor Application Guide for Automotive Application.



AEC-Q200



Inductors Selection Guide by Thickness

Chip Coils / inductors				
Thickness (mm)	Ferrite (Multilayer)	Ferrite (wire wound)	High Frequency (Multilayer)	High Frequency (wire wound)
0.60	FCI1005	-	-	-
1.00	FCI1608/FCI2012	SWF1608LV	-	-
1.20	FCI2012	SWF1608CV	-	SWI0603
1.50	FCI3216	SWF2012CV	-	SWI0805
2.20	-	SWF2520CV	-	SWI1008
2.50	-	SWF3225CV	-	-

Power Inductors / Chokes					
Thickness (mm)	Irms 2.0Amax.	Irms 3.0Amax.	Irms 5.0Amax.	Irms 7.0Amax.	Irms 10.0Amax.
1.00	FCH/CPH160809/2012 CPI2016	HPC2016/2520	AHP/2016/2520	-	-
1.20	-	-	HPC2016/2520	AHP2520/3012	-
1.50	-	HPC3015	-	AHP3015	-
1.80	-	-	-	-	-
2.00	-	-	HPC5020/6020	AHP4020	-

Hi-Current Power Inductors					
Thickness (mm)	Irms 6.0Amax.	Irms 10.0Amax.	Irms 20.0Amax.	Irms 30.0A	Irms Over 30.0A
1.00	-	TMIM2016/3225	-	-	-
1.20	TMPC03	TMIM2016/3225	TMPC04/05/06	-	-
1.50	-	TMPC03	TMPC04/05/06	-	-
1.80	-	-	TMPC05/06	-	-
2.00	-	TMPC03/10 TMPF04 TMIM3225	TMPC04/05 TMPF04/05/07	TMPC0602	-
2.40	-	-	-	TMPC0624	-
3.00	-	TMPA0503	TMPF0403	TMPC0503/1003 TMPA0603 TMPF0503/0603/0703	TMPC0603 TMPF0603 TMPA1003
3.50	-	-	-	TMPC1235	-
4.00	-	-	-	TMPA0604/1004 TMPF0604	TMPC0604/8040/1004 TMPA1004
Up to 5.00	-	-	TMPF0705/0707	TMPC0605/1206 TMPF0605/0808	TMPC1005/1205/1265 TMPC1707 TMPA0605/1004/1005 TMPA1205/1206/1265 TMPA1707/2313 TMPF1006/1010/1508 TMPF1510/1513

Cross Reference

Inductors / Common Mode Filters for Power Over Coaxial

TAI-TECH	muRata	TDK	Coil Craft	Page
APO2012	LQW21TF			115
APO3225	LQW32FT	ADL3225VM	1210POC	116
APO4532	LQW43FT			119
APOC2012	DLW21PH/SH			89

Ferrite Chip Beads

TAI-TECH	muRata	TDK	TAIO YUDEN	Page
FCM1005	BLM15	MMZ1005	BK1005	21
FCM1608	BLM18	MMZ1608	BK1608	23
FCM2012	BLM21	MMZ2012	BK2125	26
HCB1005	BLM15KG/PX	MPZ1005	BKP1005	31
HCB1608	BLM18KG	MPZ1608	BKP1608	33
HCB2012	BLM21PG	MPZ2012	BKP2125	35
HCB3216	BLM31PG		FBMH3216	37
HCB4516	BLM41PG		FBMH4516	39
HCB4532			FBMH4532	41
HFZ1005	BLM15PX	MPZ1005		43
HFZ1608	BLM18KG	MPZ1008		47

Common Mode Chokes

TAI-TECH	muRata	TDK	TAIO YUDEN	Page
WCM2012	DLW21H/S	ACM2012		59
WCM3216	DLW31			62
WCM3225				65
WCM4532HI		ACM4520		67
WCM7060		ACM7060		74
WCM9070	1259CM	ACM90V	1259CM	76
WCM1211		ACM12V		78
WCM1513		ACM1513		80
HDMI2012	DLW21	ACM2012H		82
HSF1210			CM01	84
HSF2012-H	DLW21	ACM2012H		87
ACM3225	DLW32SH/MH	ACT1210(D/G/L/P)		90
ACM4532	DLW43	ACT45(B、L)		101
ACM6545				105
DCM3216				110
DCM3532				111
BCM2012	DXW21	ATB2012		112

Cross Reference

Chip Coils / Inductors

TAI-TECH	muRata	TDK	TAIO YUDEN	CoilCraft	Page
FCI1005	LQM18N	MLF1005	LK1005		120
FCI1608		MLF1608	LK1608		121
FCI2012	LQM21N	MLF2012	LK2125		122
FCI3216					123
SWF1608LV				0603LS	124
SWF3225CV		NLV32			130
SWI0603V	LQW18AN			0603CS	141
SWI0805UV	LQW2BAS			0805CS	143
SWI1008UV	LQW2UAS			1008CS	145
PAS4420					148
PAS6420					149
PAS1225				TPL1183525	151

Multilayer Type Power Inductors

TAI-TECH	muRata	TDK	TAIO YUDEN	FDK	Page
CPI160809	LQM18P	MLP1608	CKP1608D		152
CPI201210	LQM21P	MLP2012	CKP2012	MIPSZ2012D	153
CPI201610	LQM2MP	MLP2016	CKP2016	MIPF2016D	154

Sealed Type Power Inductors

TAI-TECH	TAIYOYUDEN	TDK	SUNLORD	Cyntec	Page
HPC3015	NRH3015	VLS3015	SWPA/SHP3015	PST031E	173
HPC5020	NRH5020	VSL5020	SWPA/SHP5020	PST052T	174
HPC5040	NRH5040	VSL5040	SWPA/SHP5040	PST054T	175
HPC6020	NRH6020	VSL6020	SWPA/SHP6020	PST062T	176
HPC6028	NRH6028	VSL6028	SWPA/SHP6028	PST062H	177
HPC6045	NRH6045	VSL6045	SWPA/SHP6045	PST064E	178
HPC8040	NRH8040	VSL8040	SWPA/SHP8040	PST084T	180

Ultra High Current Power Inductors

TAI-TECH	muRata	Taiyo	TDK	SUNLORD	Page
AHP201610		MEKK2016T	VSL201610	WPN201610	156
AHP201612			VSL201612	WPN201612	157
AHP252010			VLS252010	WPN252010	158
AHP252012	1239-AS		VLS252012	WPN201610	159
AHP3012			VLS3012	WPN201610	160
AHP3015			VLS3015	WPN201610	161
AHP4020			VLS4020	WPN201610	162

Cross Reference

Ultra High Current Power Inductors					
TAI-TECH	VISHAY	Coil Craft	TOKO	Cyntec	Page
TVMP120611LNV	IHVR-4024KE-51				187
TTMA1094P4V				VAMV1009AA	197
TMIM201610AV				VCTA/VCUW20161T	199
TMIM201612AV				VCTA/VCUW20161B	200
TMIM252010AV				VCTA/VCUW25201T	201
TMIM252012AV				VCTA/VCUW25201B	202
TMIM322512AV				VCTA/VCUW32251B	206
TMIM322520AV				VCTA/VCUW32252T	207
TMPA0503SV	IHLP-2020CZ			PCMB503T	226
TMPA0603SV	IHLP-2525CZ			PCMB603T	227
TMPA1004SV	IHLP-4040DZ			PCMB104T	232
TMPA2313SPV	IHLP-8787MZ				239
TMPF0402LRV		XFL4020			304
TMPF0402AV		XAL4020			305
TMPF0502AV		XAL5020			307
TMPF0503AV		XAL5030			308
TMPF0603AV		XAL6030			310
TMPF0605AV					312
TMPF0703AV		XAL7030			315
THFD5022SV	IHXL-2000VZ				183

Ultra High Current Power Inductors					
TAI-TECH	VISHAY	TDK	TOKO	Cyntec	Page
TMPC0312HV	IHLP-1212AB-5A	SPM3012	FDSD0312	PCMC/PIME031B	248
TMPC0302HV	IHLP-1212BZ-5A			PCMC/PIMB032T	250
TMPC0412HPV	IHLP-1616AB -5A	SPM4012	FDSD0412	PCMC/PIMB041B	251
TMPC0402HPV	IHLP-1616BZ-5A		FDSD0420	PCMC/PIMB042T	253
TMPC0512HPV	IHLP-2020AB-5A	SPM5012	FDSD0512	PCMC/PIMB051B	254
TMPC0515HPV	IHLP-2020AE-5A		FDSD0515	PCMC/PIME051E	255
TMPC0518HPV	IHLP-2020AH -5A		FDSD0518	PCMC/PIMB051H	256
TMPC0612HV	IHLP-2525AB-5A			PCMC/PIME061B	261
TMPC0615HV	IHLP-2525AE-5A			PCMC/PIME061E	262
TMPC0618HV	IHLP-2525AH-5A		FDV0618	PCMC/PIMB061H	263
TMPC0602HV	IHLP-2525BZ-5A		FDV0620	PCMC/PIMB062T	264
TMPC0624HV	IHLP-2525BD-5A			PCMC/PIMB062D	265
TMPC0603HV	IHLP-2525CZ-5A	SPM6530	FDV0630	PCMC/PIMB063T	266
TMPC0604HV	IHLP-2525DZ-5A		FDV0640	PCMC/PIMB064T	268
TMPC0605HV	IHLP-2525EZ-5A		FDV0650	PCMC/PIMB065T	269
TMPC1004HV	IHLP-4040DZ-5A		FDV1040	PCMC/PIMB104T	272
TMPC1005HV	IHLP-4040EZ-5A			PCMC/PIMB104E	274
TMPC1235HPV	IHLP-5050CE-5A			PCMC/PIMB133E	276
TMPC1205HPV	IHLP-5050EZ-5A		FDU1250	PCMC/PIMB135T	277
TMPC1206HPV	IHLP-5050FZ-5A		FDU1260	PCMC/PIMB136T	278
TMPC1265HPV	IHLP-5050FD-5A			PCMC/PIMB136E	279
TMPC1707HPV	IHLP-6767GZ-5A			PCMC/PIMB177T	281

Part Numbering

■ Ferrite Chip Beads

FCM **1608** **KV** - **121** **T** **06**

1 2 3 4 5 6

1 Series Name

Code	
FCM	Ferrite Chip Bead
HCB	High Current Ferrite Chip Bead

2 Dimension(AxB)

Code	Dimension(AxB)	EIA
1005	1.0mmx0.5mm	0402
1608	1.6mmx0.8mm	0603
2012	2.0mmx1.25mm	0805
3216	3.2mmx1.6mm	1206
4516	4.5mmx1.6mm	1806
4532	4.5mmx3.2mm	1812

3 Material Characteristics/Application, V: for Vehicle

Code	Material Characteristics
H	For General Use
K	
Z	For Low Speed
M	For High Speed Signal Lines
C	

4 Impedance

Code	Impedance(Ohm)
070	7Ω
700	70Ω
601	600Ω
202	2000Ω

5 Packaging

Code	Packaging
T	Plastic Taping (Φ 180mm)
B	Bulk

6 Rated Current

Code	Rated Current(mA)
02	200
05	500
20	2000
60	6000

■ Common Mode Choke Coils / Balun

WCM **2012** **F** **2** **S** **V** - **900** **T** **04**

1 2 3 4 5 6 7 8 9

1 Series Name

Code	Common Mode Choke Coil
WCM	Winding Common Mode Filter for USB 2.0
HDMI	Winding Common Mode Filter for HDMI
HSF	Winding Common Mode Filter for USB 3.0
TCM	Tri-wired Common Mode Filter
ACM	Winding Common Mode Filter for Car
BCM	Balun Filter

2 Dimension(AxB)

Code	Dimension(AxB)	EIA
0605	0.6mmx0.5mm	0202
0806	0.8mmx0.6mm	0302
1210	1.2mmx1.0mm	0504
2012	2.0mmx1.2mm	0805
3216	3.2mmx1.6mm	1206
3225	3.2mmx2.5mm	1210
4532	4.5mmx3.2mm	1812

3 Material Characteristics

Code	Material
F	Ferrite Material

4 Numbers of Signal Line

Code	Numbers of Signal Line
2	Two Lines
3	Three Lines
4	Four Lines

5 Type

Code	Type
S	Shielded Type
N	Non-Shielded Type

6 V: for Vehicle

7 Impedance

Code	Impedance(Ohm)
900	90Ω
121	120Ω
102	1000Ω

8 Packaging T: Taping and Reel

9 Rated Current

Code	Rated Current(mA)
02	200
10	1000

Part Numbering

■ Chip Coils / Inductors

FCI
2012
V
-
100
M

1 Series Name

Code	
FCI	Ferrite Chip Inductor
SWF	Wire wound Ferrite Chip Inductor
SWI	Wire Wound Ceramic Chip
PAS	Hearing Aid (HAC) Inductor

2 Dimension(AxB)

Code	Dimension(AxB)	EIA
0603	0.6mmx0.3mm	0201
1005	1.0mmx0.5mm	0402
1608	1.6mmx0.8mm	0603
2012	2.0mmx1.25mm	0805
2016	2.0mmx1.6mm	0806
2520	2.5mmx2.0mm	1008
3015	3.0mmx3.0mm	1212
3216	3.2mmx1.6mm	1206
3225	3.2mmx2.5mm	1210
3010	3.0mmx3.0mm	1212
4420	4.4mmx2.0mm	1808
6420	6.4mmx2.0mm	2508

3 V: for Vehicle

4 Inductance

Code	Inductance
1N0	1.0nH
10N	10nH
R10	100nH
1R0	1.0uH
100	10uH
101	100uH

5 Inductance Tolerance

Code	Inductance Tolerance
B	±0.1nH
C	±0.2nH
S	±0.3nH
G	±2%
H	±3%
J	±5%
K	±10%
L	±15%
M	±20%
Y	±30%

■ Power Inductors / Chokes

CPI
201210
UV
-
1R0
M
-
1A0

1 Series Name

Code	Common Mode Choke Coil
CPI	Multilayer Type Power Inductor
FCH	
AHP	Sealed Type Power Inductor
HPC	

2 Dimension

Code	Dimension(AxB)	EIA
1608	1.6mmx0.8mm	0603
2012	2.0mmx1.25mm	0805
201608/10	2.0mmx1.6mm	0806
252010/12	2.5mmx2.0mm	1008
322510/12	3.2mmx2.5mm	1210
3010/12/15	3.0mmx3.0mm	1212
4010/12/18	4.0mmx4.0mm	1616
5020/40	5.0mmx5.0mm	2020
6020/45	6.0mmx6.0mm	2424
8040	8.0mmx8.0mm	3232

3 Material

Code	Numbers of Signal Line
F	Ferrite Material For Wire wound Inductor
A	
B	
C	
CV	
NV	Ferrite Material For Multilayer Inductor
UV	
MV	
SV	

4 Inductance

Code	Inductance
R47	0.47uH
1R0	1.0uH
100	10uH
101	100uH

5 Inductance Tolerance

Code	Inductance Tolerance
K	±10%
M	±20%
Y	±30%

6 Rated Current

Code	Rated Current
0A6	0.60A
1A0	1.00A

Part Numbering

■ Hi-Current Power Inductors (Molding Type)

TMPC **0603** **HV** - **4R7** **M** - **D**

1 Series Name

Code	
TMPC	Molding Type Hi-Current Power Inductor
TMPA	
TMPE	
TBMA	
THFD	
THMC	
THMA	
TMIM	Mini Molding Type Hi-Current Power Inductor
TVMP	
TTMA	

2 Dimension

Code	Dimension(AxB)
201610	2.0mmx1.6mm
252010/12	2.5mmx2.0mm
0302	3.5mmx3.2mm
0315	3.5mmx3.2mm
0412/02	4.1mmx4.1mm
0415	4.45mmx4.06mm
0403	4.1mmx4.1mm
0512/15/18	5.7mmx5.2mm
0502/03/05	5.7mmx5.2mm
0612/18/24	7.0mmx6.6mm
0602	7.0mmx6.6mm
0603/04/05	7.3mmx6.6mm
0606/15	7.0mmx6.6mm
0702/03/05/07	7.8mmx7.6mm
0803/04	8.8mmx8.2mm
8040	8.8mmx8.4mm
1002/03/04/05	11mmx10mm
1235/05/06/65/07	13.5mmx12.6mm
1707	17mmx17mm
2313	23.5mmx22mm
2811	28.6mmx28.6mm
3822	38.1mmx38.1mm
5022	51.0mmx51.0mm
120804	13mmx8mm
404010	4.2mmx4.15mm
606010	6.1mmx6.1mm

3 Material

Code	Material/Type
AV	Material/Type
UV	
TV	
SV	
HV	
HTV	
HPV	
LRV	
LNV	
SPV	
HCV	

4 Inductance

Code	Inductance
R47	0.47uH
1R0	1.0uH
100	10uH
101	100uH

5 Inductance Tolerance

Code	Inductance Tolerance
M	±20%
Y	±30%

6 Control No.

■ Sealed Type Wire Wound Inductors

AHP **201610** **BMV** **R47** **M**

1 Series Name

Code	
AHP	Sealed Type Power Inductors
HPC	

2 Dimension

Code	Dimension(AxB)
201610/12	2.0mmx1.6mm
252010/12	2.5mmx2.0mm
30212/15/20	3.0mmx3.0mm
4020	4.0mmx4.0mm
5020/40	5.0mmx5.0mm
6020/28/45	6.0mmx6.0mm
8040	8.0mmx8.0mm

3 Material

Code	Material/Type
BMV	Material/Type
CBV	
NV	

4 Inductance

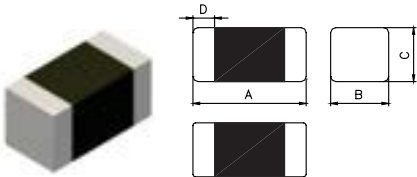
Code	Inductance
R47	0.47uH
1R0	1.0uH
100	10uH
101	100uH

5 Inductance Tolerance

Code	Inductance Tolerance
M	±20%
Y	±30%



■ Dimensions



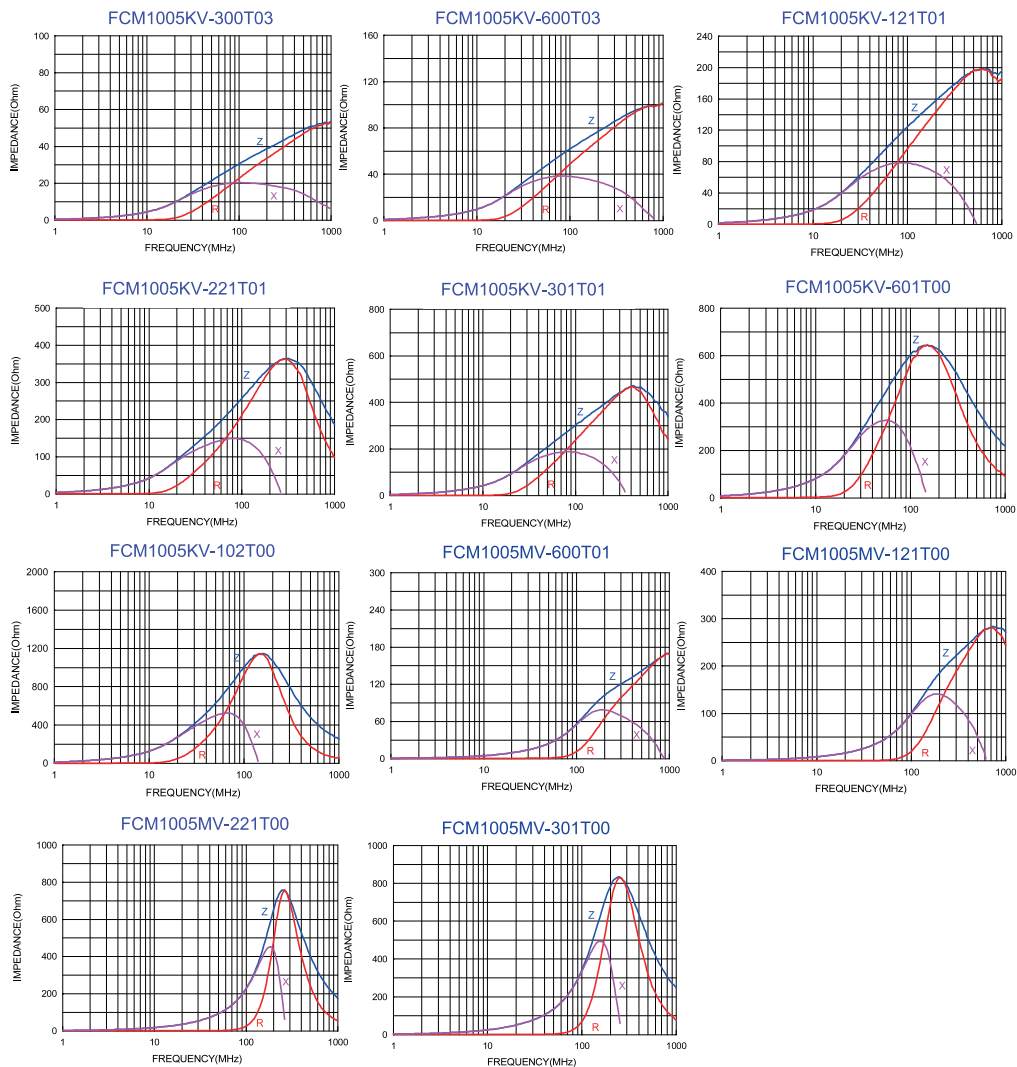
Dimensions	
A	1.00±0.10
B	0.50±0.10
C	0.50±0.10
D	0.25±0.10

Units: mm

■ Specifications

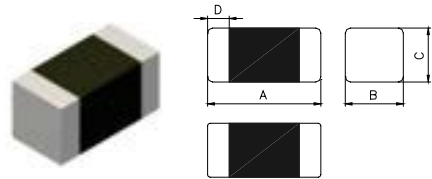
Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM1005KV-300T03	30±25%	100	0.20	300
FCM1005KV-600T03	60±25%	100	0.25	300
FCM1005KV-121T01	120±25%	100	0.30	100
FCM1005KV-221T01	220±25%	100	0.40	100
FCM1005KV-301T01	300±25%	100	0.50	100
FCM1005KV-601T00	600±25%	100	0.80	80
FCM1005KV-102T00	1000±25%	100	1.20	50
FCM1005MV-600T01	60±25%	100	0.30	100
FCM1005MV-121T00	120±25%	100	0.45	80
FCM1005MV-221T00	220±25%	100	0.60	50
FCM1005MV-301T00	300±25%	100	0.75	50

■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



Dimensions	
A	1.60±0.15
B	0.80±0.15
C	0.80±0.15
D	0.30±0.20

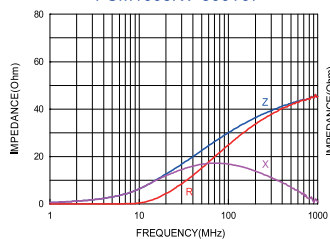
Units: mm

■ Specifications

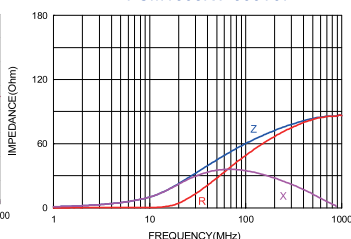
Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM1608KV-300T07	30±25%	100	0.20	700
FCM1608KV-600T07	60±25%	100	0.20	700
FCM1608KV-121T06	120±25%	100	0.25	600
FCM1608KV-151T06	150±25%	100	0.25	600
FCM1608KV-221T05	220±25%	100	0.30	550
FCM1608KV-301T05	300±25%	100	0.35	500
FCM1608KV-471T03	470±25%	100	0.45	350
FCM1608KV-601T03	600±25%	100	0.50	350
FCM1608KV-102T02	1000±25%	100	0.70	200
FCM1608HV-152T02	1500±25%	100	1.00	200
FCM1608HV-202T01	2000±25%	100	1.20	150
FCM1608CV-100T07	10±25%	100	0.20	700
FCM1608CV-300T06	30±25%	100	0.25	600
FCM1608CV-600T06	60±25%	100	0.30	600
FCM1608CV-121T03	120±25%	100	0.40	300
FCM1608CV-221T02	220±25%	100	0.60	250
FCM1608CV-301T02	300±25%	100	0.80	200

■ Impedance-Frequency Characteristics (Typical)

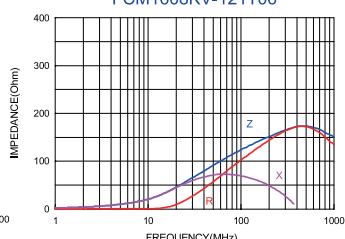
FCM1608KV-300T07



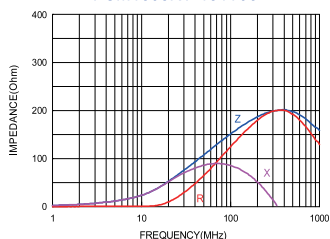
FCM1608KV-600T07



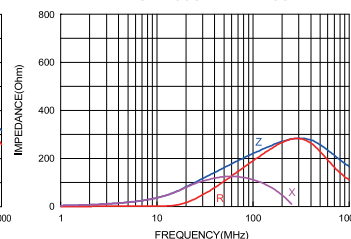
FCM1608KV-121T06



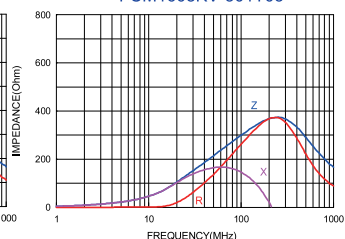
FCM1608KV-151T06



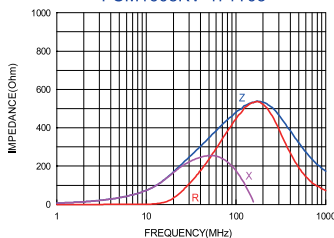
FCM1608KV-221T05



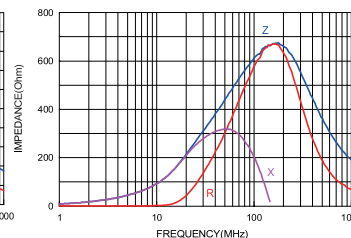
FCM1608KV-301T05



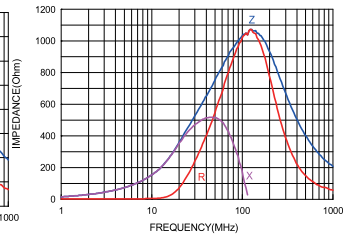
FCM1608KV-471T03



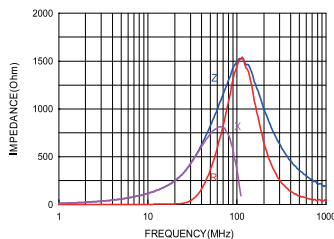
FCM1608KV-601T03



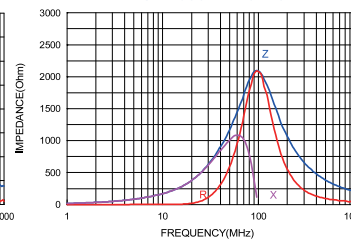
FCM1608KV-102T02



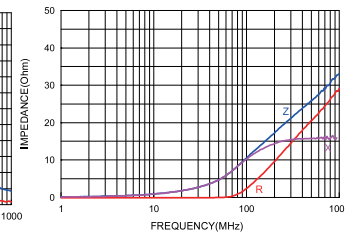
FCM1608HV-152T02



FCM1608HV-202T01

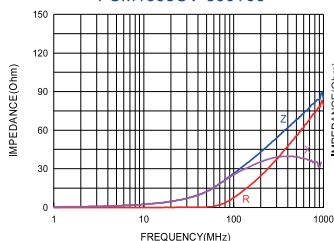


FCM1608CV-100T07

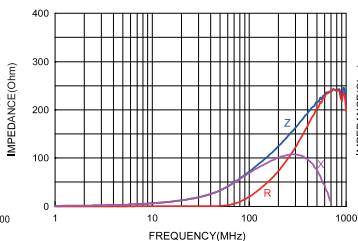


■ Impedance-Frequency Characteristics (Typical)

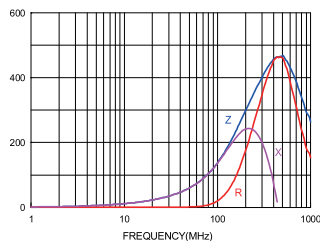
FCM1608CV-300T06



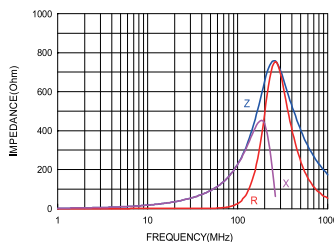
FCM1608CV-600T06



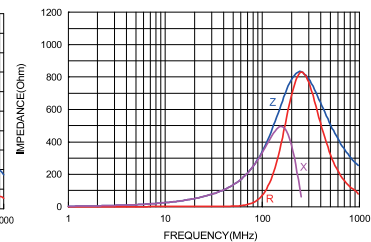
FCM1608CV-121T03



FCM1608CV-221T02

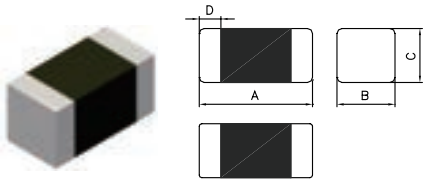


FCM1608CV-301T02





■ Dimensions



Dimensions	
A	2.00±0.20
B	1.25±0.20
C	0.85±0.20
D	0.50±0.30

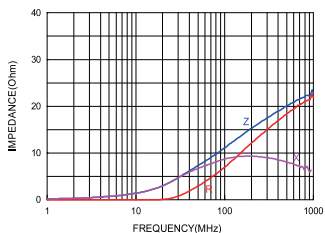
Units: mm

■ Specifications

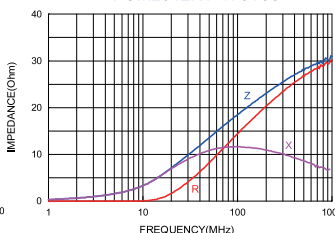
Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM2012KV-110T09	11±25%	100	0.10	900
FCM2012KV-170T06	17±25%	100	0.10	600
FCM2012KV-260T06	26±25%	100	0.10	600
FCM2012KV-300T06	30±25%	100	0.10	600
FCM2012KV-400T06	40±25%	100	0.10	600
FCM2012KV-600T09	60±25%	100	0.10	900
FCM2012KV-121T08	120±25%	100	0.20	800
FCM2012KV-151T08	150±25%	100	0.20	800
FCM2012KV-221T07	220±25%	100	0.30	750
FCM2012KV-301T07	300±25%	100	0.30	700
FCM2012KV-601T05	600±25%	100	0.40	500
FCM2012KV-102T04	1000±25%	100	0.45	400
FCM2012HV-102T04	1000±25%	100	0.45	400
FCM2012HV-152T03	1500±25%	100	0.50	350
FCM2012HV-202T02	2000±25%	100	0.60	250

■ Impedance-Frequency Characteristics (Typical)

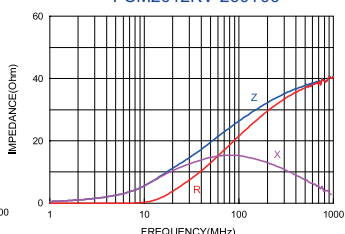
FCM2012KV-110T09



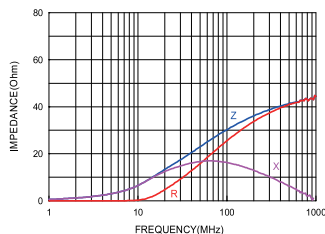
FCM2012KV-170T06



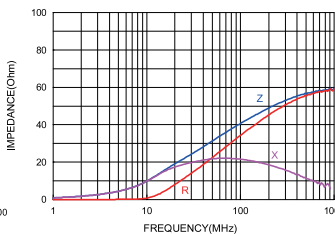
FCM2012KV-260T06



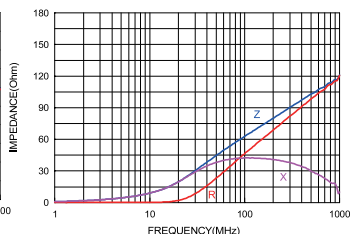
FCM2012KV-300T06



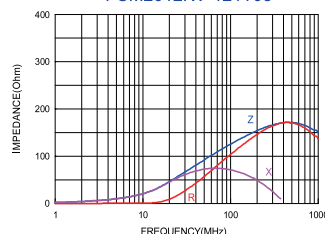
FCM2012KV-400T06



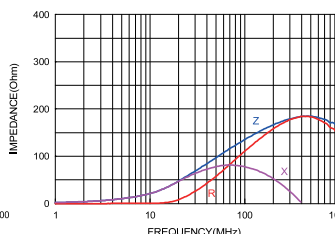
FCM2012KV-600T09



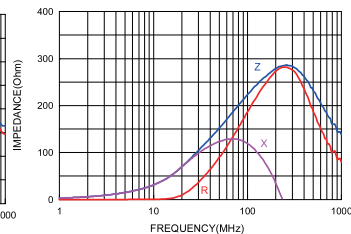
FCM2012KV-121T08



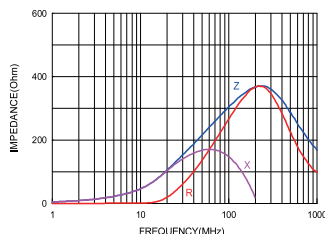
FCM2012KV-151T08



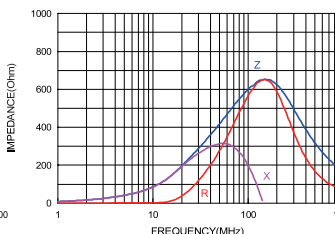
FCM2012KV-221T07



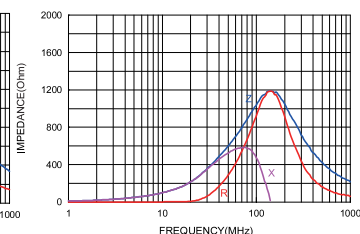
FCM2012KV-301T07



FCM2012KV-601T05

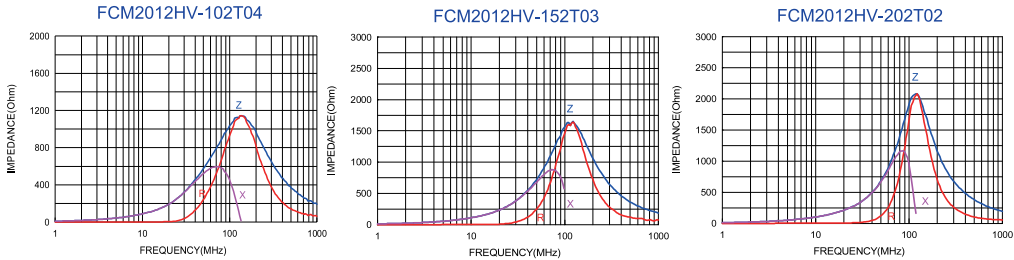


FCM2012KV-102T04



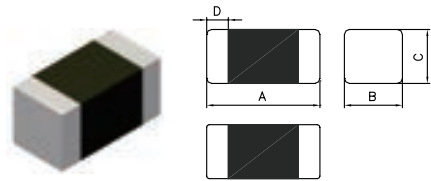


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



Dimensions	
A	3.20±0.20
B	1.60±0.20
C	1.10±0.20
D	0.50±0.30

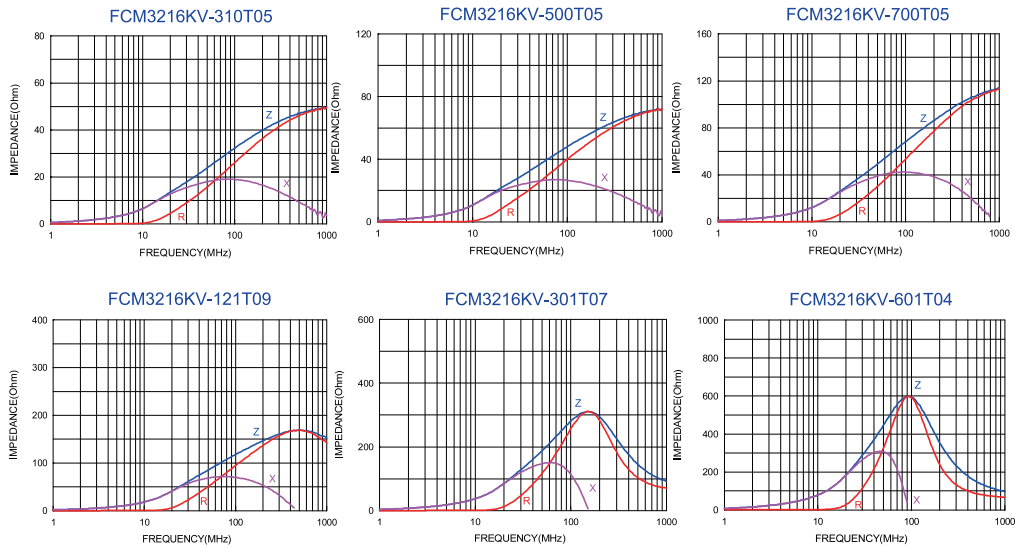
Units: mm

■ Specifications

Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM3216KV-310T05	31±25%	100	0.20	500
FCM3216KV-500T05	50±25%	100	0.20	500
FCM3216KV-700T05	70±25%	100	0.20	500
FCM3216KV-121T09	120±25%	100	0.15	900
FCM3216KV-301T07	300±25%	100	0.35	700
FCM3216KV-601T04	600±25%	100	0.40	400

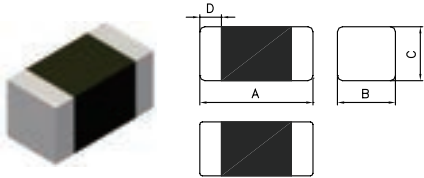


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



Dimensions	
A	1.00±0.10
B	0.50±0.10
C	0.50±0.10
D	0.25±0.10

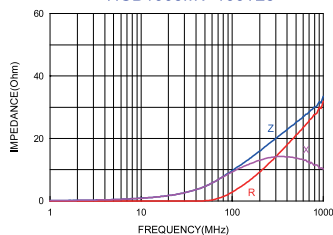
Units: mm

■ Specifications

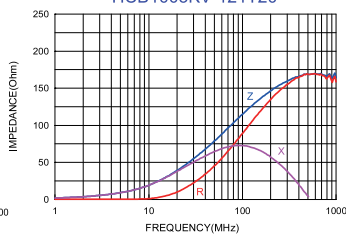
Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HCB1005MV-100T25	10±25%	100	0.050	2500
HCB1005KV-121T20	120±25%	100	0.095	2000
HCB1005KV-221T15	220±25%	100	0.150	1500
HCB1005PV-330T30	33±25%	100	0.022	3000
HCB1005PV-600T25	60±25%	100	0.032	2500
HCB1005PV-800T23	80±25%	100	0.038	2300

■ Impedance-Frequency Characteristics (Typical)

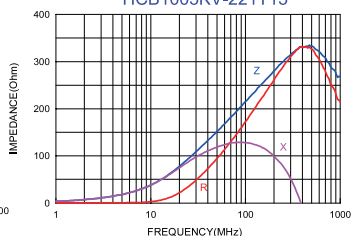
HCB1005MV-100T25



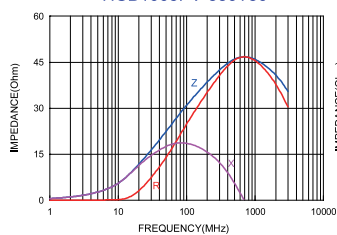
HCB1005KV-121T20



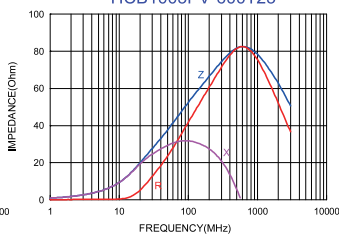
HCB1005KV-221T15



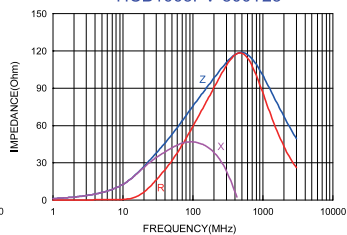
HCB1005PV-330T30



HCB1005PV-600T25

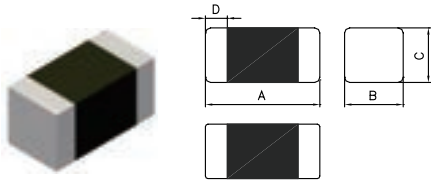


HCB1005PV-800T23





■ Dimensions



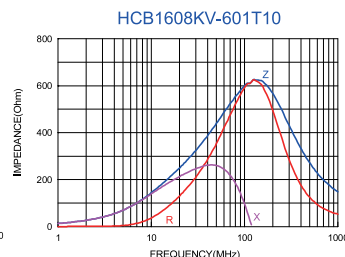
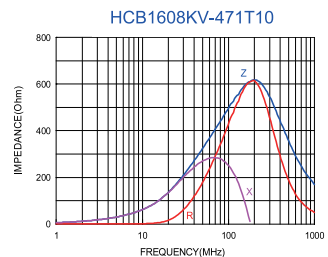
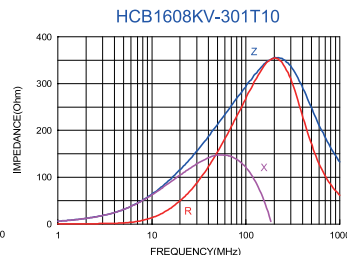
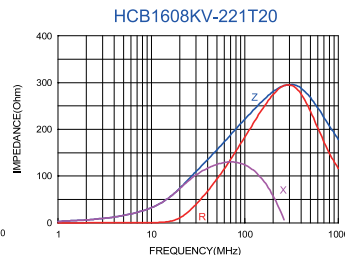
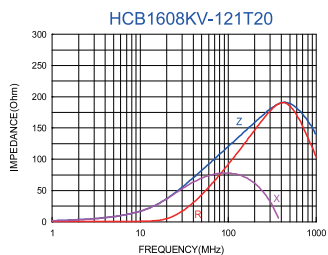
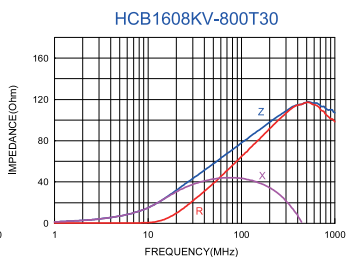
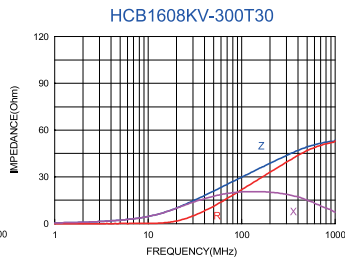
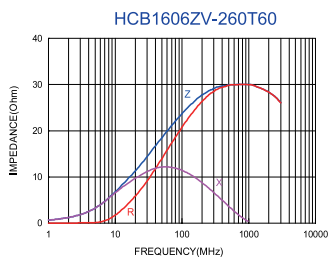
Dimensions	
A	1.60±0.15
B	0.80±0.15
C	0.80±0.15 0.60±0.15
D	0.30±0.20

Units: mm

■ Specifications

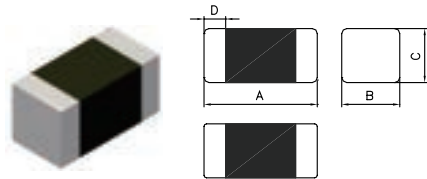
Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Height (mm) max.
HCB1606ZV-260T60	26±25%	100	0.01	6000	0.75
HCB1608KV-300T30	30±25%	100	0.04	3000	0.95
HCB1608KV-800T30	80±25%	100	0.04	3000	0.95
HCB1608KV-121T20	120±25%	100	0.10	2000	0.95
HCB1608KV-221T20	220±25%	100	0.10	2000	0.95
HCB1608KV-301T10	300±25%	100	0.20	1000	0.95
HCB1608KV-471T10	470±25%	100	0.20	1000	0.95
HCB1608KV-601T10	600±25%	100	0.20	1000	0.95

■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



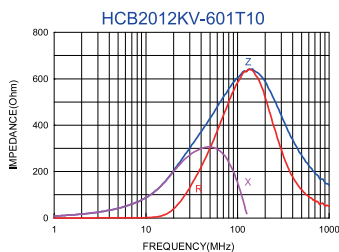
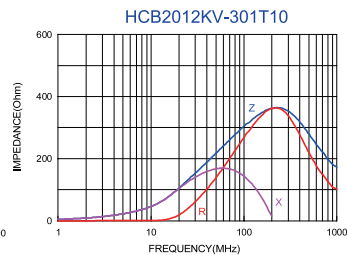
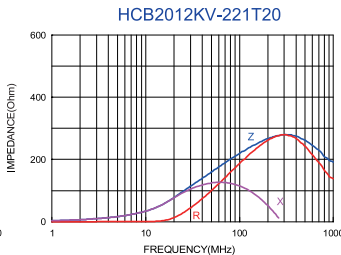
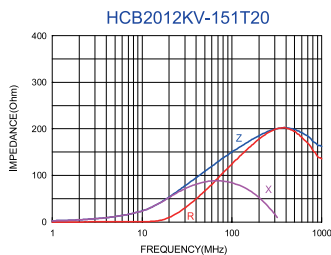
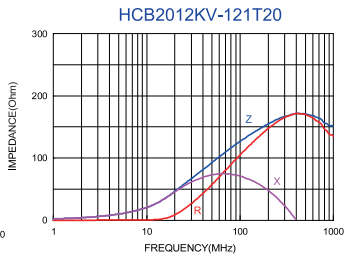
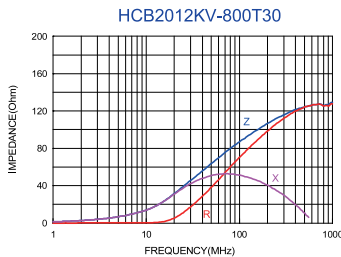
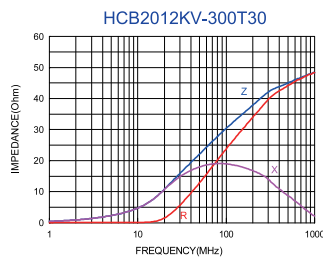
Dimensions	
A	2.00±0.20
B	1.25±0.20
C	0.85±0.20
D	0.50±0.30

Units: mm

■ Specifications

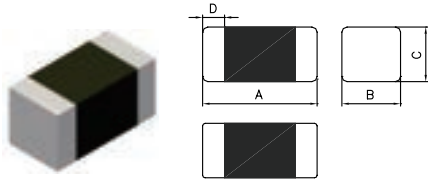
Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HCB2012KV-300T30	30±25%	100	0.04	3000
HCB2012KV-800T30	80±25%	100	0.04	3000
HCB2012KV-121T20	120±25%	100	0.10	2000
HCB2012KV-151T20	150±25%	100	0.10	2000
HCB2012KV-221T20	220±25%	100	0.10	2000
HCB2012KV-301T10	300±25%	100	0.20	1000
HCB2012KV-601T10	600±25%	100	0.20	1000

■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



Dimensions	
A	3.20±0.20
B	1.60±0.20
C	1.10±0.20
D	0.50±0.30

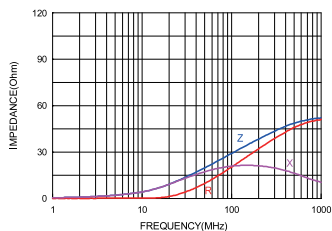
Units: mm

■ Specifications

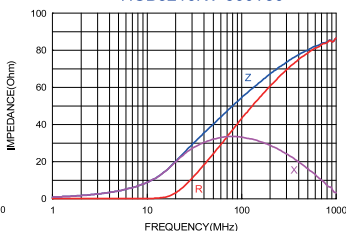
Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HCB3216KV-300T30	30±25%	100	0.04	3000
HCB3216KV-500T30	50±25%	100	0.04	3000
HCB3216KV-800T30	80±25%	100	0.04	3000
HCB3216KV-121T20	120±25%	100	0.10	2000
HCB3216KV-301T10	300±25%	100	0.20	1000
HCB3216KV-501T30	500±25%	100	0.04	3000
HCB3216KV-601T20	600±25%	100	0.10	2000

■ Impedance-Frequency Characteristics (Typical)

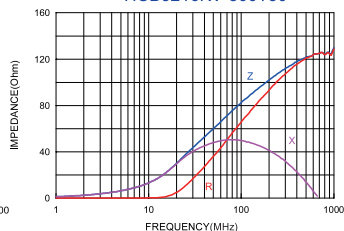
HCB3216KV-300T30



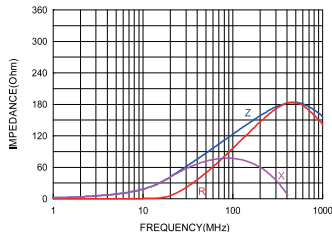
HCB3216KV-500T30



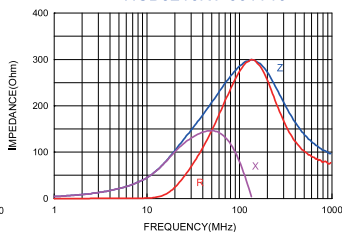
HCB3216KV-800T30



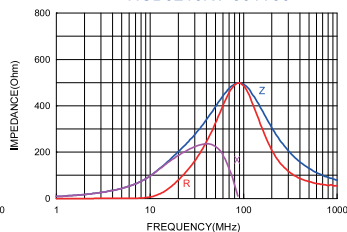
HCB3216KV-121T20



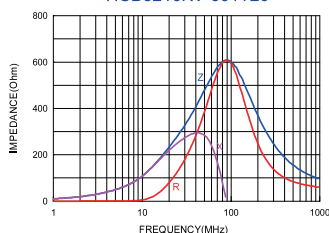
HCB3216KV-301T10



HCB3216KV-501T30

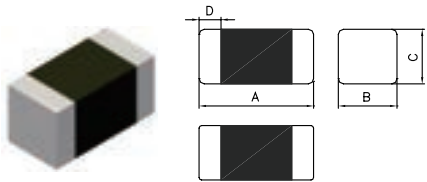


HCB3216KV-601T20





■ Dimensions



Dimensions	
A	4.50±0.20
B	1.60±0.20
C	1.60±0.20
D	0.50±0.30

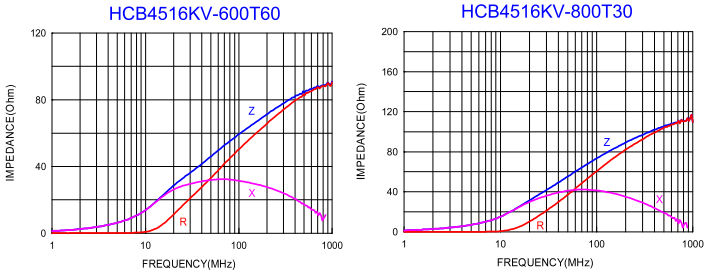
Units: mm

■ Specifications

Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HCB4516KV-600T60	60±25%	100	0.01	6000
HCB4516KV-800T30	80±25%	100	0.04	3000

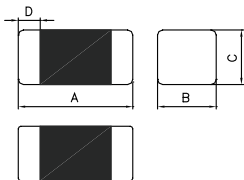
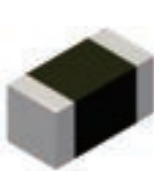


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



Dimensions	
A	4.50±0.20
B	3.20±0.20
C	1.50±0.20
D	0.50±0.30

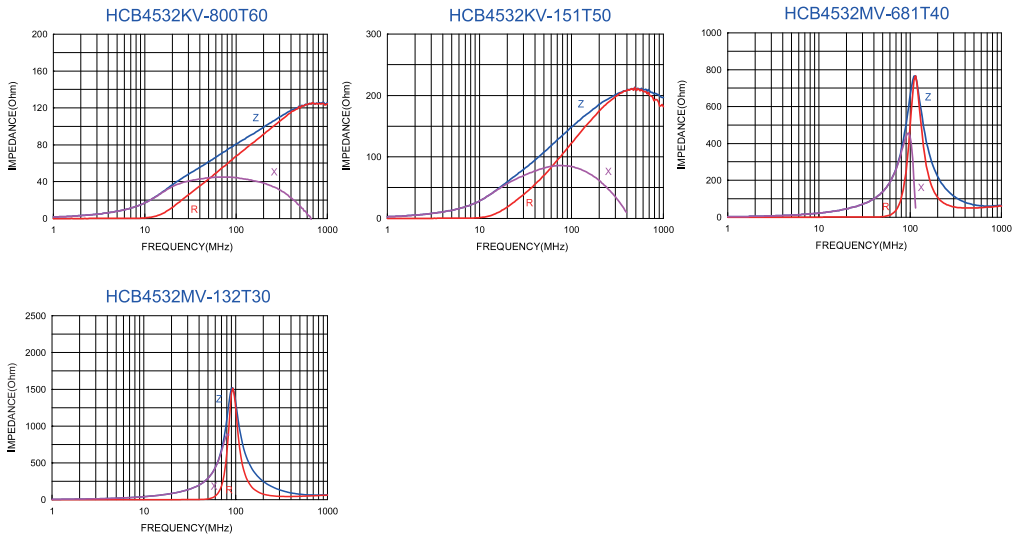
Units: mm

■ Specifications

Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HCB4532KV-800T60	80±25%	100	0.01	6000
HCB4532KV-151T50	150±25%	100	0.02	5000
HCB4532MV-681T40	680±25%	100	0.03	4000
HCB4532MV-132T30	1300±25%	100	0.06	3000

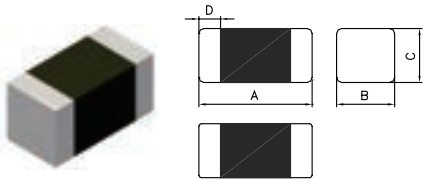


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



Dimensions	
A	1.00±0.10
B	0.50±0.10
C	0.50±0.10
D	0.25±0.10

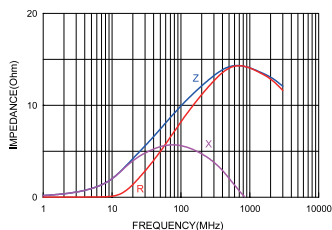
Units: mm

■ Specifications

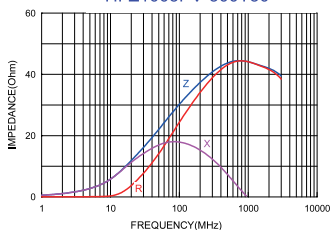
Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HFZ1005PV-100T40	10±25%	100	0.018	4000
HFZ1005PV-300T30	30±25%	100	0.022	3000
HFZ1005PV-800T23	80±25%	100	0.038	2300
HFZ1005PV-121T20	120±25%	100	0.050	2000
HFZ1005PV-221T15	220±25%	100	0.095	1500
HFZ1005PV-301T12	300±25%	100	0.150	1200
HFZ1005PV-471T11	470±25%	100	0.180	1100
HFZ1005PV-601T10	600±25%	100	0.200	1000

■ Impedance-Frequency Characteristics (Typical)

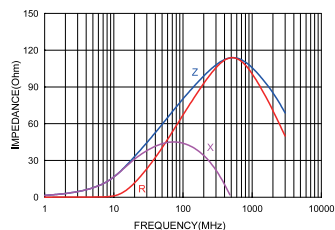
HFZ1005PV-100T40



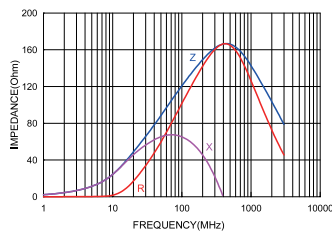
HFZ1005PV-300T30



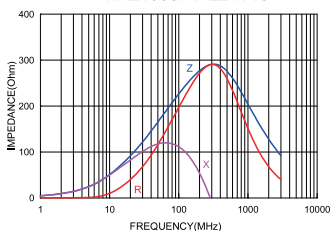
HFZ1005PV-800T23



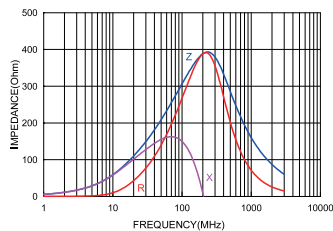
HFZ1005PV-121T20



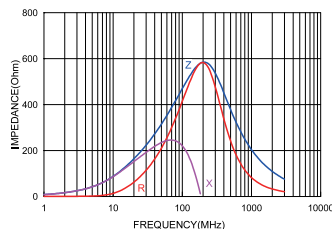
HFZ1005PV-221T15



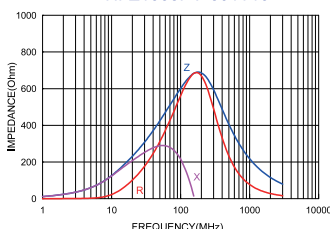
HFZ1005PV-301T12



HFZ1005PV-471T11

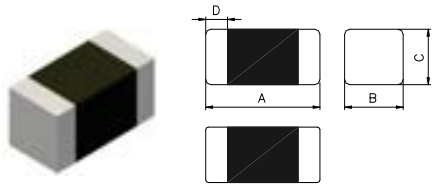


HFZ1005PV-601T10





■ Dimensions



Dimensions	
A	1.60±0.15
B	0.80±0.15
C	0.60±0.15
D	0.30±0.20

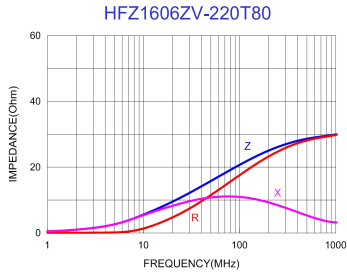
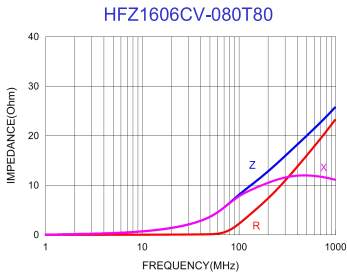
Units: mm

■ Specifications

Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HFZ1606CV-080T80	8±25%	100	0.004	8000
HFZ1606ZV-220T80	22±7	100	0.004	8000

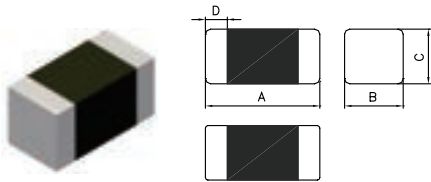


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



Dimensions	
A	1.60±0.15
B	0.80±0.15
C	0.80±0.15
D	0.30±0.20

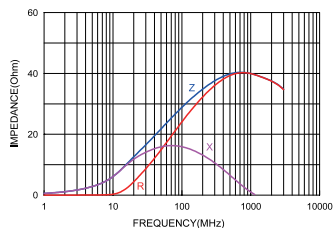
Units: mm

■ Specifications

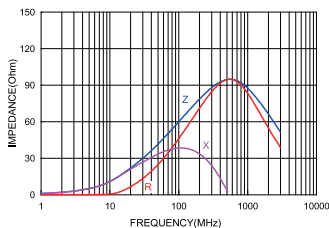
Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HFZ1608PV-300T50	30±25%	100	0.010	5000
HFZ1608PV-600T40	60±25%	100	0.020	4000
HFZ1608PV-800T30	80±25%	100	0.030	3000
HFZ1608PV-101T30	100±25%	100	0.030	3000
HFZ1608PV-121T30	120±25%	100	0.035	3000
HFZ1608PV-151T25	150±25%	100	0.040	2500
HFZ1608PV-221T23	220±25%	100	0.050	2300
HFZ1608PV-301T22	300±25%	100	0.070	2200
HFZ1608PV-471T20	470±25%	100	0.090	2000
HFZ1608PV-601T20	600±25%	100	0.095	2000
HFZ1608PV-102T15	1000±25%	100	0.150	1500

■ Impedance-Frequency Characteristics (Typical)

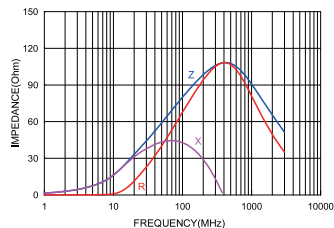
HFZ1608PV-300T50



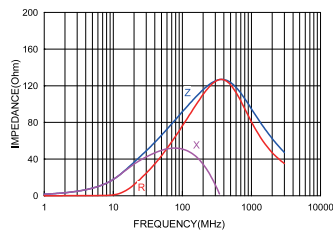
HFZ1608PV-600T40



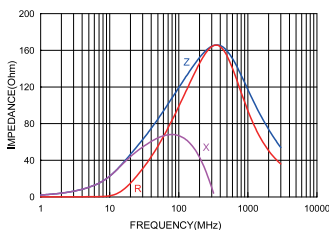
HFZ1608PV-800T30



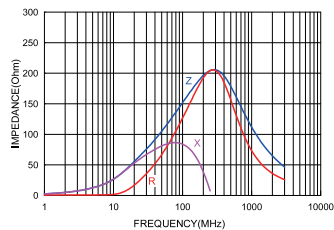
HFZ1608PV-101T30



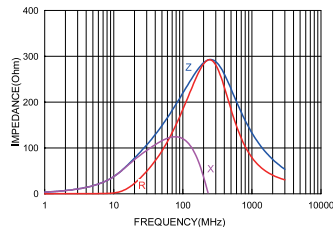
HFZ1608PV-121T30



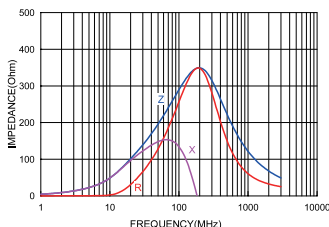
HFZ1608PV-151T25



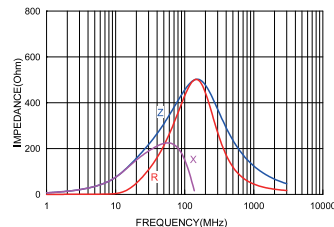
HFZ1608PV-221T23



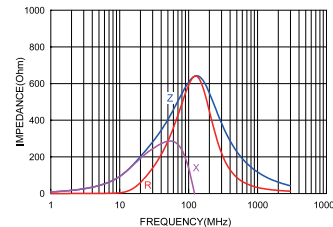
HFZ1608PV-301T22



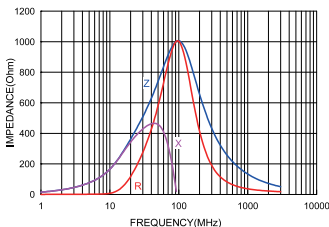
HFZ1608PV-471T20



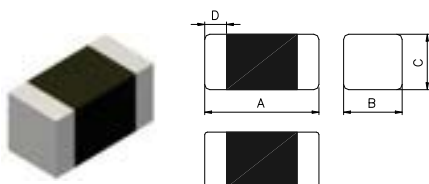
HFZ1608PV-601T20



HFZ1608PV-102T15



■ Dimensions



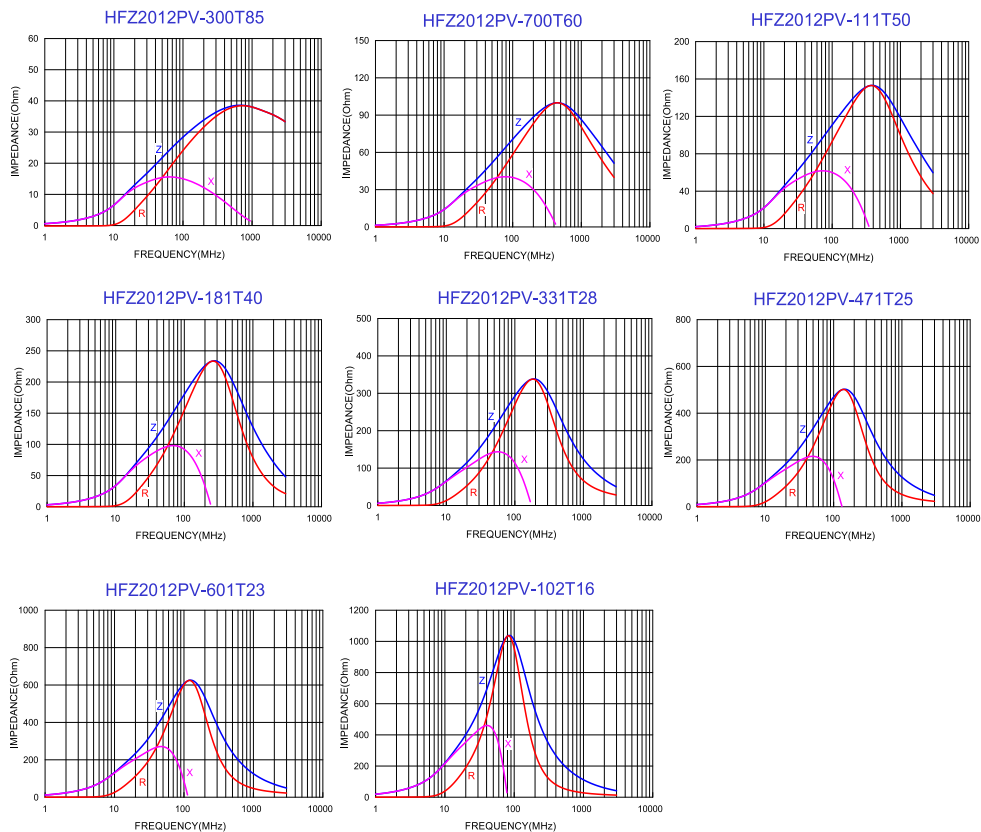
Dimensions	
A	2.00±0.20
B	1.25±0.20
C	0.85±0.20
D	0.50±0.30

Units: mm

■ Specifications

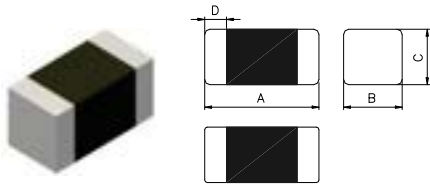
Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HFZ2012PV-300T85	30±25%	100	0.004	8500
HFZ2012PV-700T60	70±25%	100	0.009	6000
HFZ2012PV-111T50	110±25%	100	0.013	5000
HFZ2012PV-181T40	180±25%	100	0.020	4000
HFZ2012PV-331T28	330±25%	100	0.040	2800
HFZ2012PV-471T25	470±25%	100	0.050	2500
HFZ2012PV-601T23	600±25%	100	0.060	2300
HFZ2012PV-102T16	1000±25%	100	0.120	1600

■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



Dimensions	
A	3.20±0.20
B	1.60±0.20
C	1.10±0.20
D	0.50±0.30

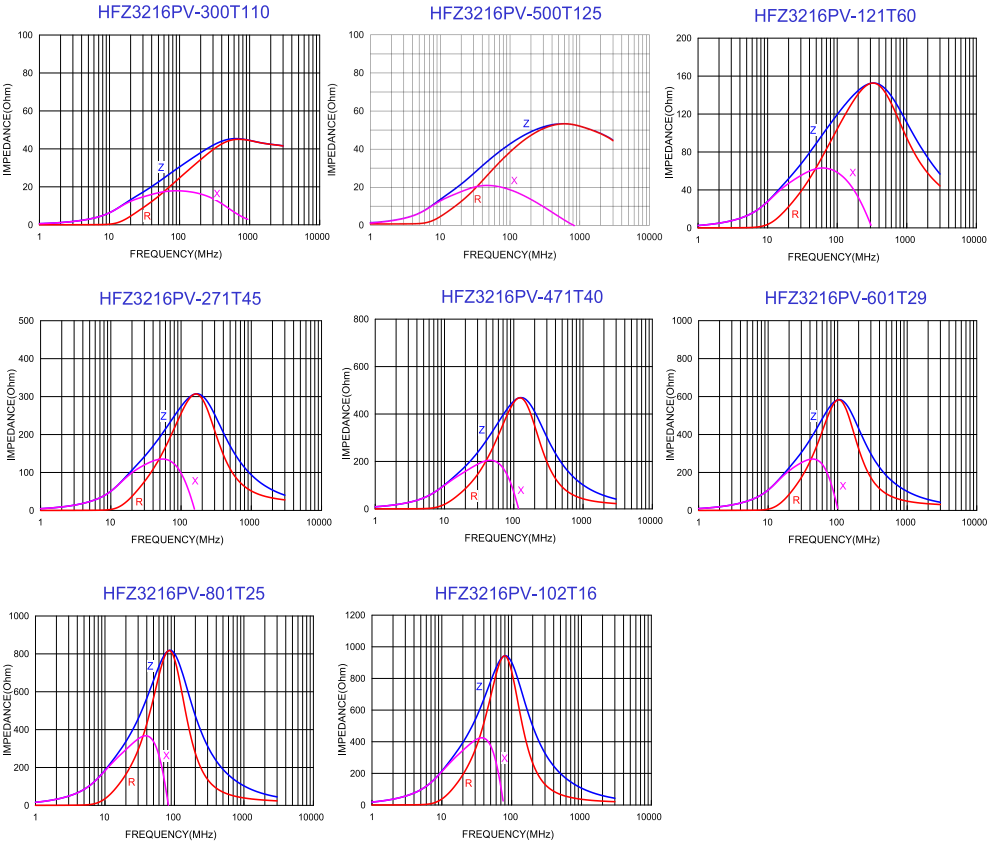
Units: mm

■ Specifications

Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
HFZ3216PV-300T110	30±25%	100	0.0025	11000
HFZ3216PV-500T125	50±25%	100	0.0016	12500
HFZ3216PV-121T60	120±25%	100	0.0090	6000
HFZ3216PV-271T45	270±25%	100	0.0160	4500
HFZ3216PV-471T40	470±25%	100	0.0200	4000
HFZ3216PV-601T29	600±25%	100	0.0380	2900
HFZ3216PV-801T25	800±25%	100	0.0500	2500
HFZ3216PV-102T20	1000±25%	100	0.0750	2000

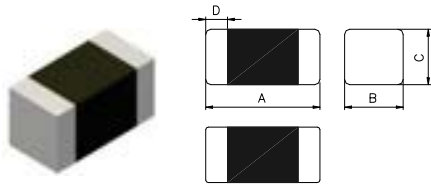


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



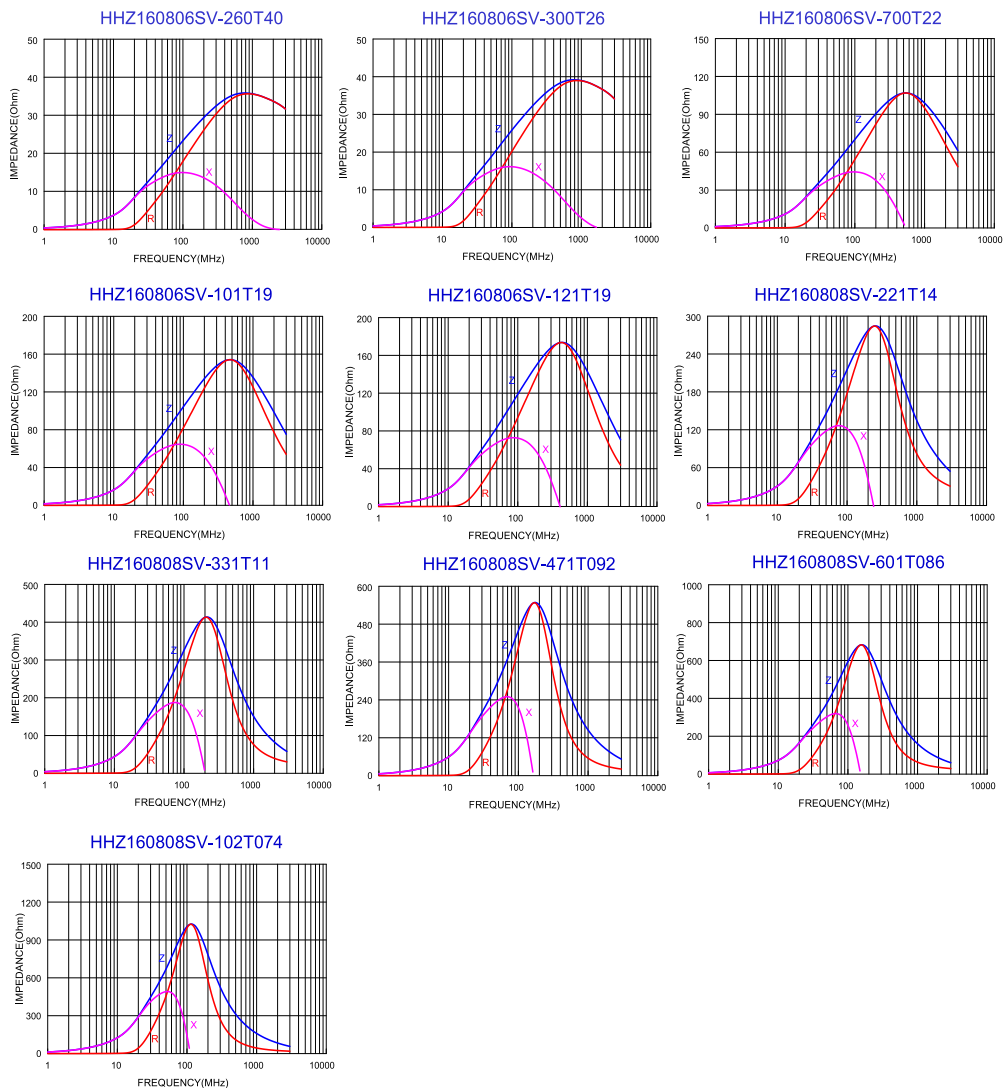
Dimensions	
A	1.60±0.15
B	0.80±0.15
C	0.80±0.15 0.60±0.15
D	0.40±0.20

Units: mm

■ Specifications

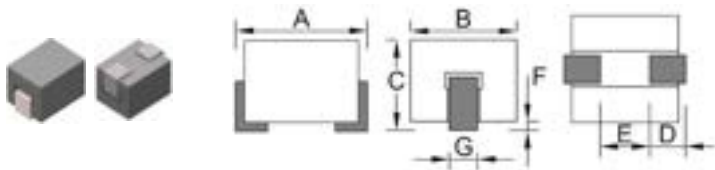
Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.		Rated Current (mA) max.			Height (mm) max.
			initial value	after test value	@125°C	@150°C	@175°C	
HHZ160806SV-260T40	26±25%	100	0.007	0.012	4000	2600	10	0.75
HHZ160806SV-300T26	30±25%	100	0.010	0.015	2600	1700	10	0.75
HHZ160806SV-700T22	70±25%	100	0.022	0.032	2200	1500	10	0.75
HHZ160806SV-101T19	100±25%	100	0.030	0.040	1900	1200	10	0.75
HHZ160806SV-121T19	120±25%	100	0.030	0.040	1900	1200	10	0.75
HHZ160808SV-221T14	220±25%	100	0.050	0.060	1400	1000	10	0.95
HHZ160808SV-331T11	330±25%	100	0.080	0.095	1100	790	10	0.95
HHZ160808SV-471T092	470±25%	100	0.110	0.130	920	610	10	0.95
HHZ160808SV-601T086	600±25%	100	0.130	0.145	860	560	10	0.95
HHZ160808SV-102T074	1000±25%	100	0.150	0.165	740	490	10	0.95

■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



BPH322521W5V Dimensions						
A	B	C	D	E	F	G
3.10 ±0.15	2.50±0.15	2.15±0.15	0.85±0.20	1.20±0.20	0.00~0.10	0.70±0.10

Units: mm

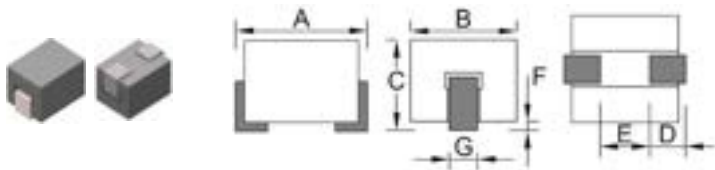
■ Specifications

Part Number	Impedance ohm at 25 MHz	Impedance ohm at 100 MHz	DC Resistance (mΩ) max	Rated Current(A)
				Δ T= 40℃TYP
BPH322521W5V-350T	25±25%	35±25%	0.60	21.0

Note:
Rated Current :(1) : Chroma high current test fixture.



■ Dimensions



BPH323023W5V Dimensions						
A	B	C	D	E	F	G
3.08 +0.10/-0.15	2.90 ±0.10	2.20 ±0.10	0.80 ±0.20	1.20Min.	0.00~0.11	0.85 ±0.10

Units: mm

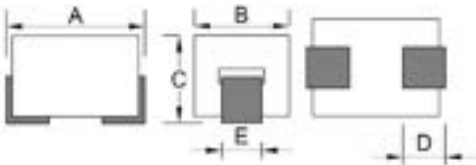
■ Specifications

Part Number	Impedance ohm at 25 MHz	Impedance ohm at 100 MHz	DC Resistance (mΩ) max	Rated Current(A)	
				Δ T= 40℃TYP	Δ T= 60℃TYP
BPH323023W5V-400T	23±25%	40±25%	0.60	21.0(1) 15.0(2)	26.0(1) 18.0(2)

Note:
Rated Current: (1) : Chroma high current test fixture.
(2) :PCB test fixture (30x45mm copper pattern , 50um copper thickness).



■ Dimensions



BPH403022 Dimensions				
A	B	C	D	E
3.90~4.50	3.00±0.15	2.20 Max	1.00±0.20	1.25±0.15

Units: mm

BPH403025 Dimensions				
A	B	C	D	E
4.30~5.10	3.10±0.15	2.70~3.10	1.35±0.20	1.35±0.15

Units: mm

■ Specifications

Part Number	Impedance ohm at 25 MHz	Impedance ohm at 100 MHz	DC Resistance (mΩ)max	Rated Current(A)	
				Δ T= 40℃ TYP	Δ T= 60℃ TYP
BPH403022R5V-400T-G	24±25%	40±25%	0.70	20.0	28.0
BPH403025R5V-530T	35±25%	53±25%	0.60	35.0(1) 15.0(2)	45.0(1) 18.0(2)

Part Number	Impedance ohm at 1 MHz	Impedance ohm at 10 MHz	DC Resistance (mΩ)max	Rated Current(A)	
				Δ T= 40℃ TYP	Δ T= 60℃ TYP
BPH403025MN5V-470TP	20±25%	47±25%	0.75	24.0(1) 10.0(2)	28.0(1) 13.0(2)

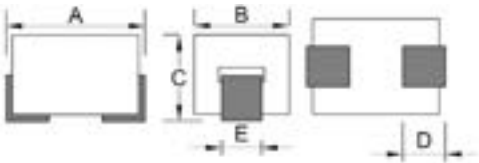
Note:

Rated Current:

- (1) : Chroma high current test fixture.
(2) :PCB test fixture (30x45mm copper pattern , 50um copper thickness).



■ Dimensions



BPH853025 Dimensions				
A	B	C	D	E
9.00±0.40	3.00±0.15	2.80±0.25	1.50±0.50	1.25±0.20

Units: mm

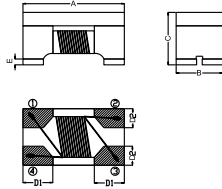
■ Specifications

Part Number	Impedance ohm at 25 MHz	Impedance ohm at 100 MHz	DC Resistance (mΩ)max	Rated Current(A)	
				Δ T= 40℃ TYP	Δ T= 60℃ TYP
BPH853025R5V-101T	65±25%	100±25%	1.00	30.0(1) 13.0(2)	40.0(1) 18.0(2)

Note:
Rated Current:
(1) : Chroma high current test fixture.
(2) :PCB test fixture (30x45mm copper pattern , 50um copper thickness).



■ Dimensions



Dimensions	
A	2.00±0.20
B	1.20±0.20
C	1.20±0.20
D1	0.50±0.10
D2	0.51±0.10
E	0.15±0.10

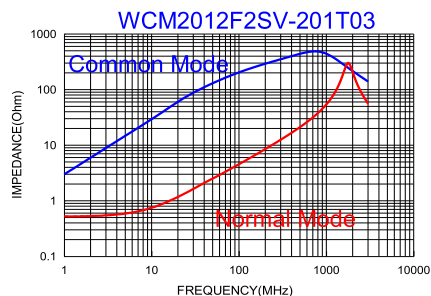
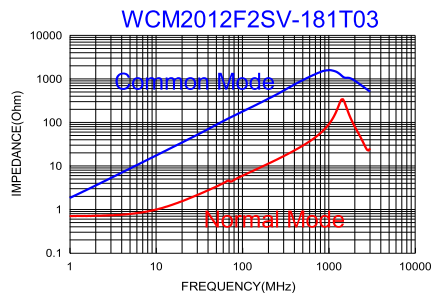
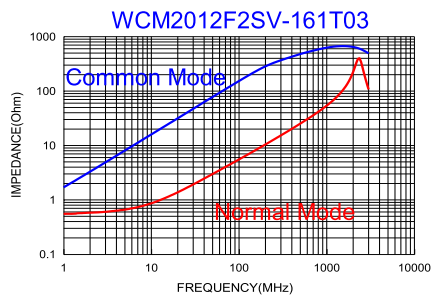
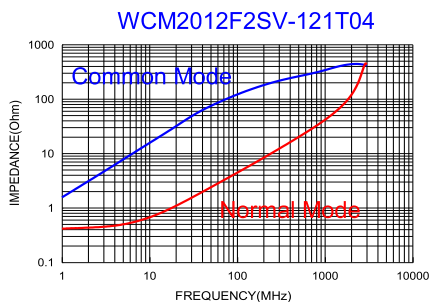
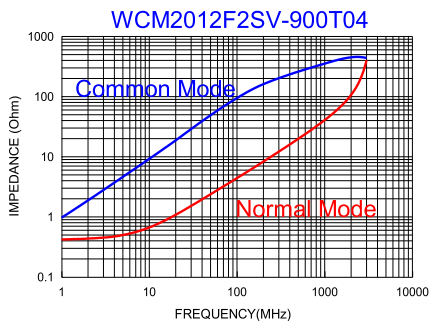
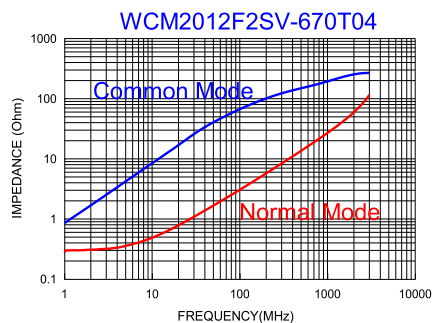
Units: mm

■ Specifications

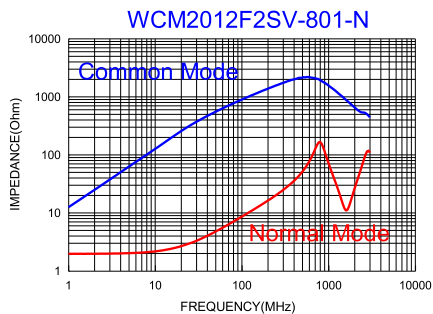
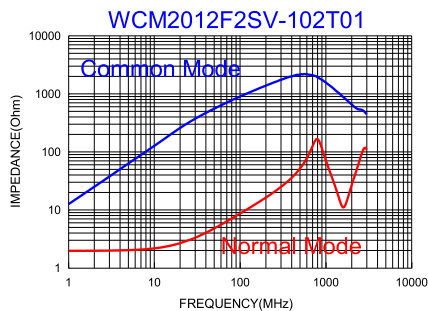
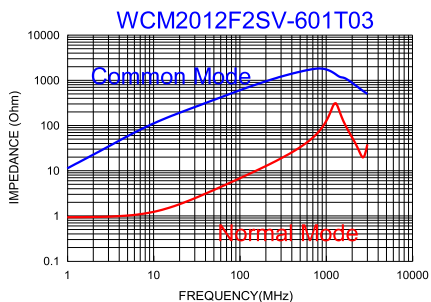
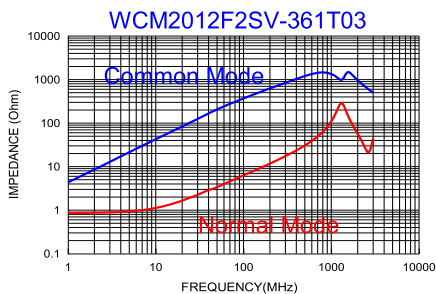
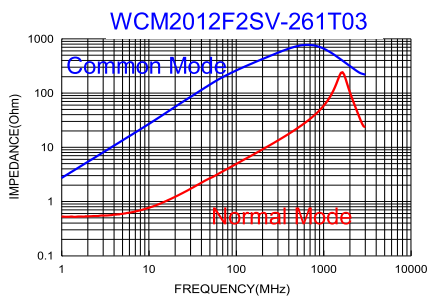
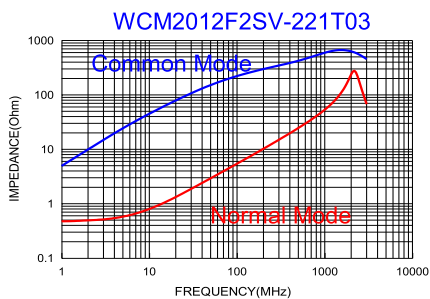
Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc)max.	Withstand Volt. (Vdc) max.	IR (Ω) min.
WCM2012F2SV-670T04	67±25%	100	0.25	400	50	125	10M
WCM2012F2SV-900T04	90±25%	100	0.30	400	50	125	10M
WCM2012F2SV-121T04	120±25%	100	0.30	400	50	125	10M
WCM2012F2SV-161T03	160±25%	100	0.35	350	50	125	10M
WCM2012F2SV-181T03	180±25%	100	0.35	350	50	125	10M
WCM2012F2SV-201T03	200±25%	100	0.40	300	50	125	10M
WCM2012F2SV-221T03	220±25%	100	0.40	300	50	125	10M
WCM2012F2SV-261T03	260±25%	100	0.40	300	50	125	10M
WCM2012F2SV-361T03	360±25%	100	0.50	300	50	125	10M
WCM2012F2SV-601T03	600±25%	100	0.88	300	50	125	10M
WCM2012F2SV-102T01	1000±25%	100	1.30	100	50	125	10M

Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc)max.	Withstand Volt. (Vdc) max.	IR (Ω) min.
WCM2012F2SV-801-N	800±25%	100	0.88	300	50	125	10M

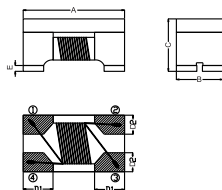
■ Impedance-Frequency Characteristics (Typical)



■ Impedance-Frequency Characteristics (Typical)



■ Dimensions



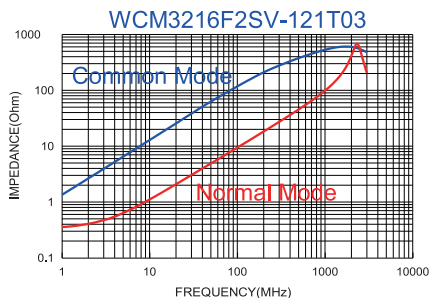
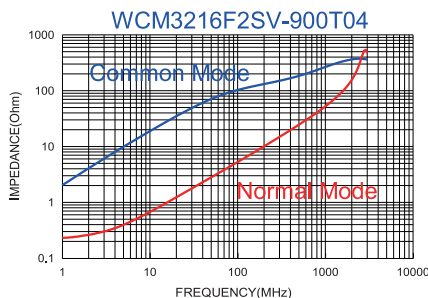
Dimensions	
A	3.20±0.20
B	1.60±0.20
C	2.00±0.20
D1	0.50±0.10
D2	0.50±0.10
E	0.15±0.10

Units: mm

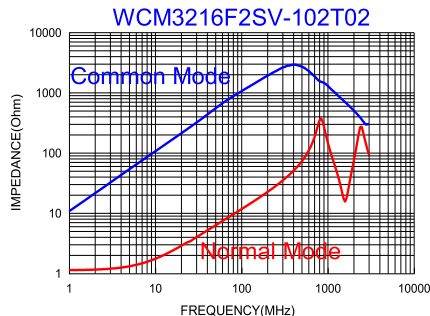
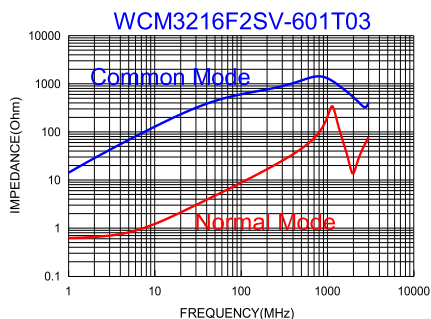
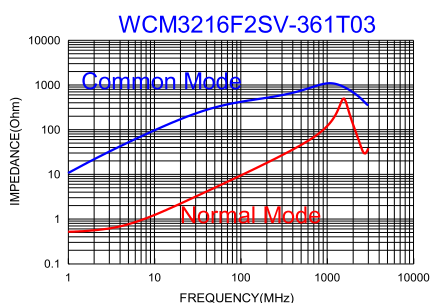
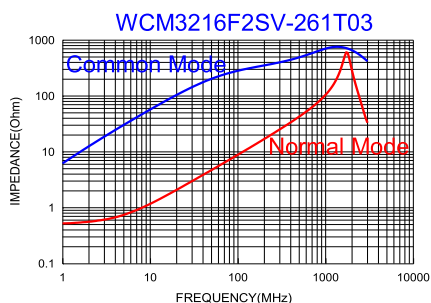
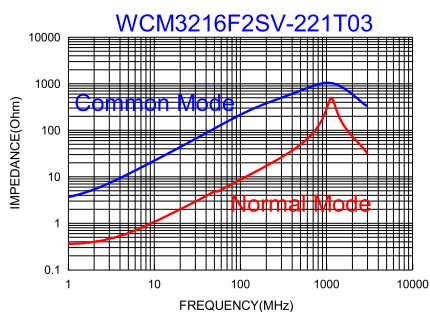
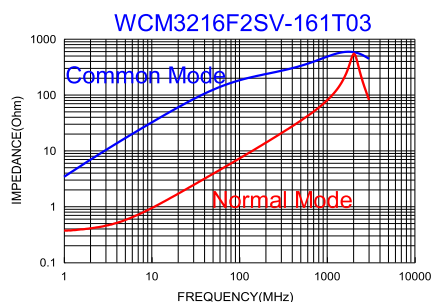
■ Specifications

Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc)max.	Withstand Volt. (Vdc) max.	IR (Ω) min.
WCM3216F2SV-900T04	90±25%	100	0.30	400	50	125	10M
WCM3216F2SV-121T03	120±25%	100	0.30	350	50	125	10M
WCM3216F2SV-161T03	160±25%	100	0.40	350	50	125	10M
WCM3216F2SV-221T03	220±25%	100	0.45	300	50	125	10M
WCM3216F2SV-261T03	260±25%	100	0.50	300	50	125	10M
WCM3216F2SV-361T03	360±25%	100	0.60	300	50	125	10M
WCM3216F2SV-601T03	600±25%	100	0.80	300	50	125	10M
WCM3216F2SV-102T02	1000±25%	100	1.00	200	50	125	10M
WCM3216F2SV-222T02	2200±25%	100	1.20	200	50	125	10M

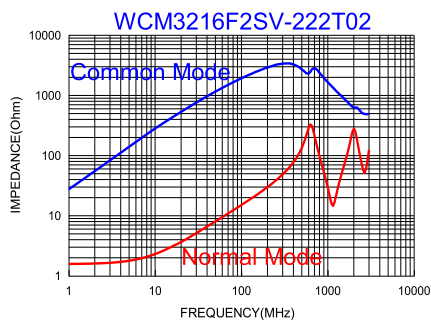
■ Impedance-Frequency Characteristics (Typical)



■ Impedance-Frequency Characteristics (Typical)

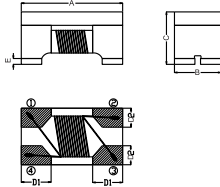
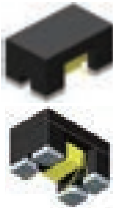


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



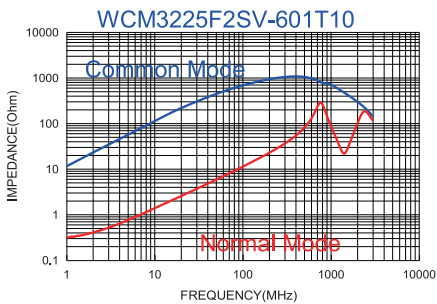
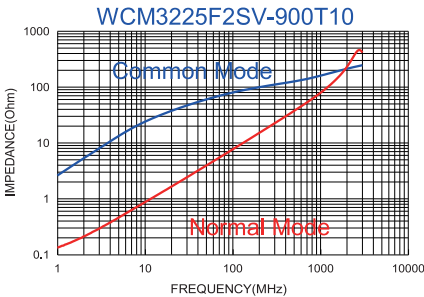
Dimensions	
A	3.20±0.20
B	2.50±0.20
C	2.20±0.20
D1	0.80±0.10
D2	0.90±0.10
E	0.15±0.10

Units: mm

■ Specifications

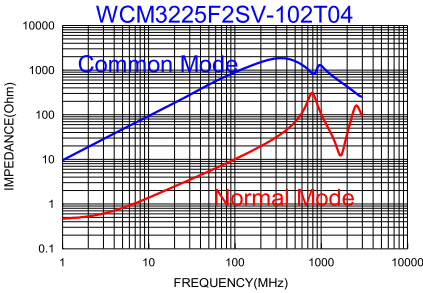
Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	Withstand Volt. (Vdc) max.	IR (Ω) min.
WCM3225F2SV-900T10	90±25%	100	0.05	1000	50	125	10M
WCM3225F2SV-601T10	600±25%	100	0.20	1000	50	125	10M
WCM3225F2SV-102T04	1000±25%	100	0.30	400	50	125	10M

■ Impedance-Frequency Characteristics (Typical)



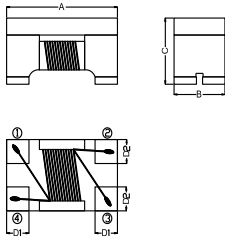
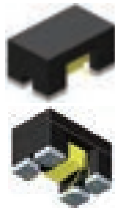


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



Dimensions	
A	4.50±0.20
B	3.20±0.20
C	2.80±0.20
D1	0.90±0.15
D2	1.05±0.15

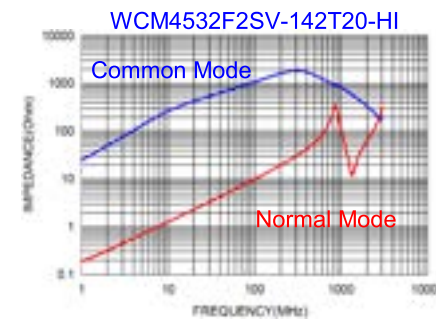
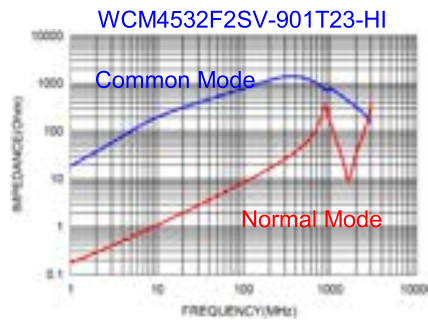
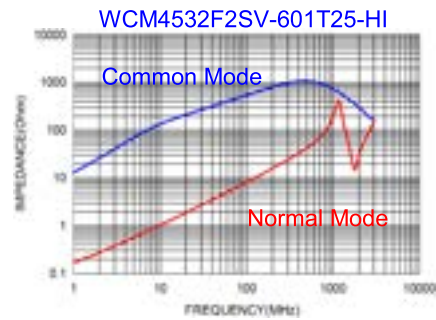
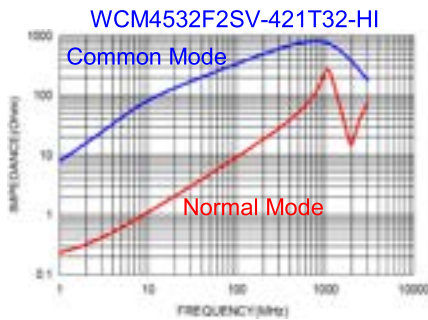
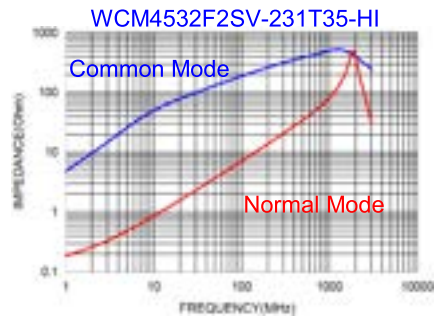
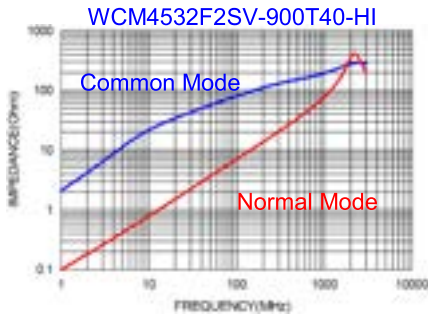
Units: mm

■ Specifications

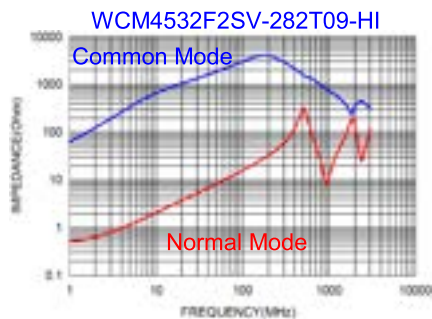
Part Number	Common mode Impedance (Ω)		Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc)max.	Withstand Volt. (Vdc) max.	IR (Ω) min.
	min.	typ.						
WCM4532F2SV-900T40-HI	68	90	100	0.050	4000	50	125	10M
WCM4532F2SV-231T35-HI	173	230	100	0.050	3500	50	125	10M
WCM4532F2SV-421T32-HI	300	420	100	0.055	3200	50	125	10M
WCM4532F2SV-601T25-HI	450	600	100	0.060	2500	50	125	10M
WCM4532F2SV-901T23-HI	650	900	100	0.070	2300	50	125	10M
WCM4532F2SV-142T20-HI	1000	1400	100	0.100	2000	50	125	10M
WCM4532F2SV-282T09-HI	2100	2800	100	0.350	900	50	125	10M

Note:
When current is applied , the temperature of the part should not exceed 125℃

■ Impedance-Frequency Characteristics (Typical)



■ Impedance-Frequency Characteristics (Typical)





■ Dimensions

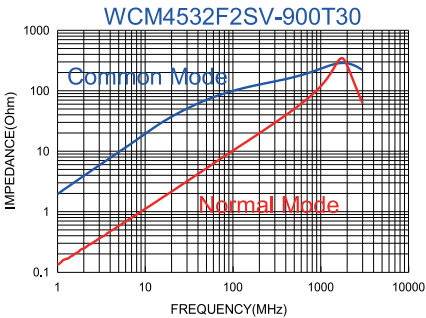
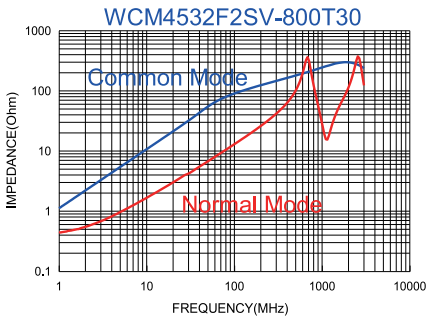
Dimensions	
A	4.50±0.20
B	3.20±0.20
C	2.80±0.20
D1	1.00±0.10
D2	1.20±0.10

Units: mm

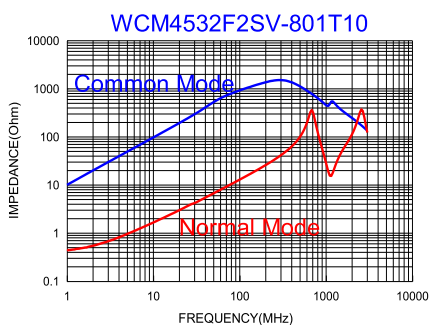
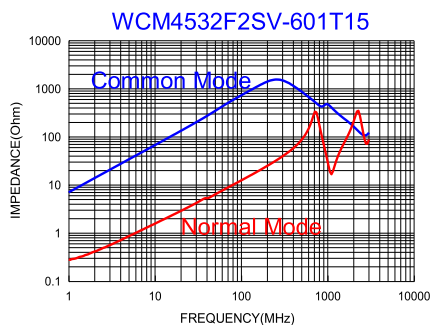
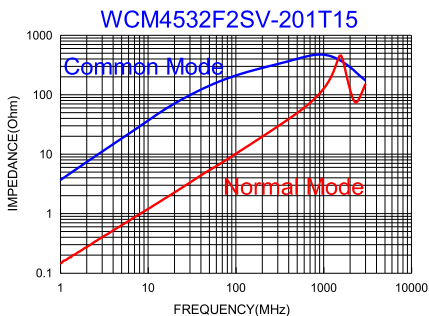
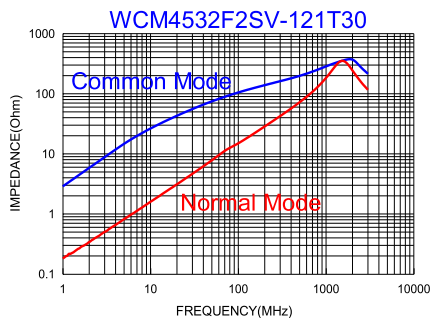
■ Specifications

Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc)max.	Withstand Volt. (Vdc) max.	IR (Ω) min.
WCM4532F2SV-800T30	80±25%	100	0.05	3000	50	125	10M
WCM4532F2SV-900T30	90±25%	100	0.05	3000	50	125	10M
WCM4532F2SV-121T30	120±25%	100	0.05	3000	50	125	10M
WCM4532F2SV-201T15	200±25%	100	0.10	1500	50	125	10M
WCM4532F2SV-601T15	600±25%	100	0.24	1500	50	125	10M
WCM4532F2SV-801T10	800±25%	100	0.24	1000	50	125	10M

■ Impedance-Frequency Characteristics (Typical)

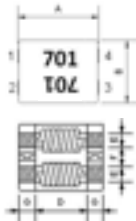


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



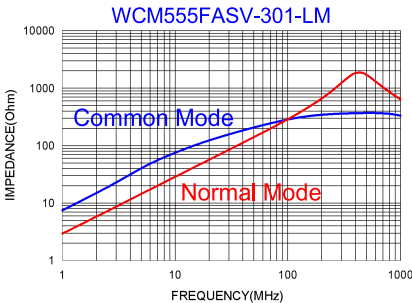
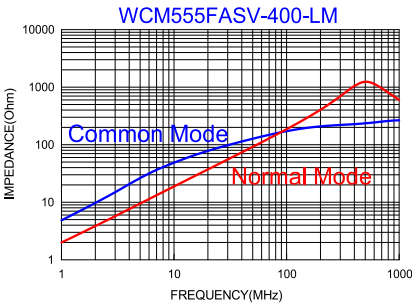
Dimensions	
A	5.50±0.50
B	5.50±0.50
C	3.50 max.
D	3.30 typ.
E	1.20±0.50
F	1.90±0.50
G	1.10±0.50

Units: mm

■ Specifications

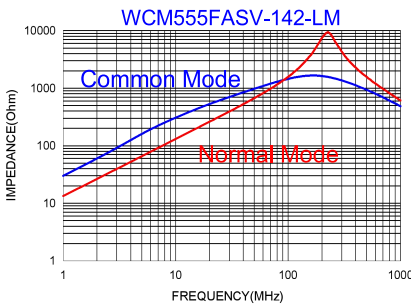
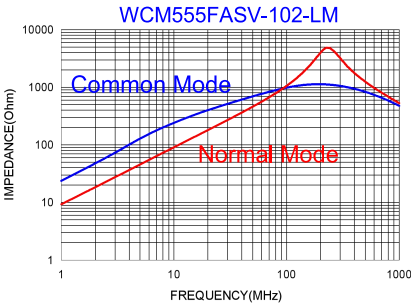
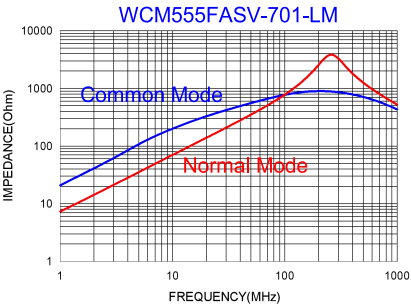
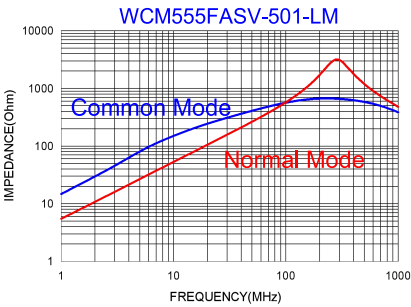
Part Number	Common mode Impedance (Ω)		Test Frequency (MHz)	DC Resistance (mΩ) max. (1 line)	Rated Current (A) max.	Rated Volt. (Vdc)max	IR (MΩ) min.
	min	typ.					
WCM555FASV-400-LM	100	140	100	6.0	8.5	80	10
WCM555FASV-301-LM	150	300	100	7.5	4.8	80	10
WCM555FASV-501-LM	300	500	100	10.5	4.5	80	10
WCM555FASV-701-LM	500	700	100	13.0	3.8	80	10
WCM555FASV-102-LM	750	1000	100	20.0	3.0	80	10
WCM555FASV-142-LM	1000	1400	100	38.0	2.8	80	10

■ Impedance-Frequency Characteristics (Typical)



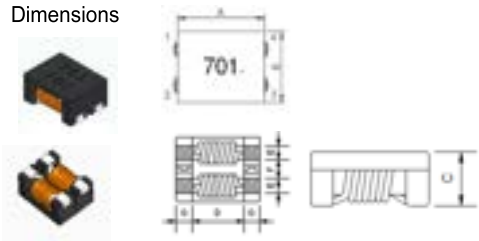


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



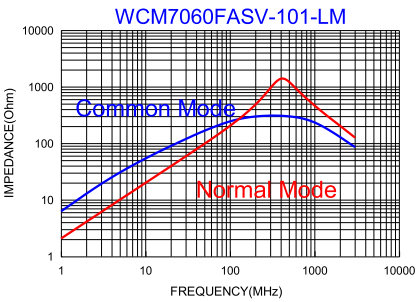
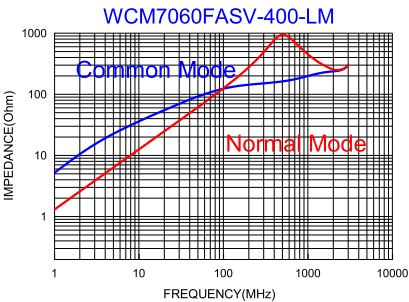
Dimensions	
A	7.00±0.50
B	6.00±0.50
C	3.80 max.
D	3.50 typ.
E	1.50±0.50
F	1.50±0.50
G	1.70±0.50

Units: mm

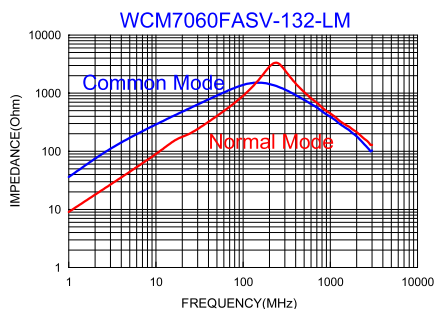
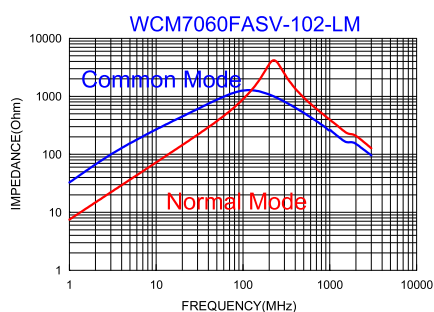
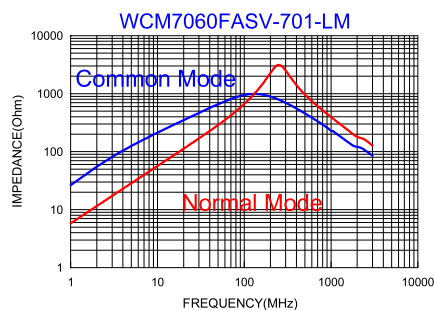
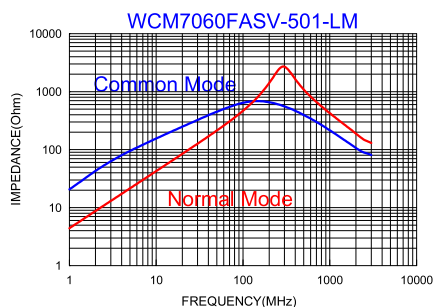
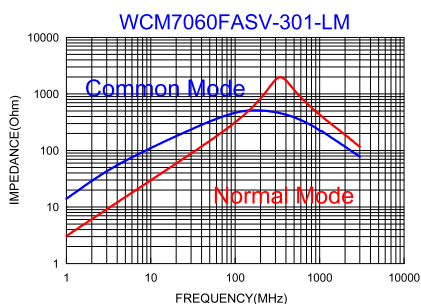
■ Specifications

Part Number	Common mode Impedance (Ω)		Test Frequency (MHz)	DC Resistance (mΩ) max. (1 line)	Rated Current (A) max.	Rated Volt. (Vdc)max	IR (MΩ) min.
	min	typ.					
WCM7060FASV-400-LM	40	70	100	5	15	80	10
WCM7060FASV-101-LM	100	140	100	10	9	80	10
WCM7060FASV-301-LM	225	300	100	10	5	80	10
WCM7060FASV-501-LM	400	500	100	10	5	80	10
WCM7060FASV-701-LM	500	700	100	15	4	80	10
WCM7060FASV-102-LM	800	1020	100	17	3	80	10
WCM7060FASV-132-LM	910	1300	100	20	3	80	10

■ Impedance-Frequency Characteristics (Typical)



■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



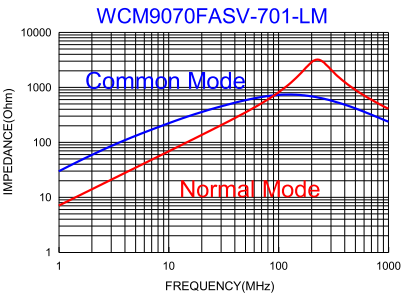
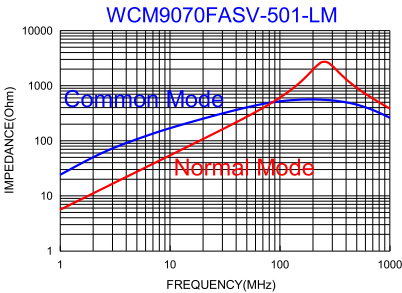
Dimensions	
A	9.00±0.50
B	7.00±0.20
C	4.50 max.
D	5.30 typ.
E	1.50±0.50
F	2.10±0.50
G	1.80±0.50

Units: mm

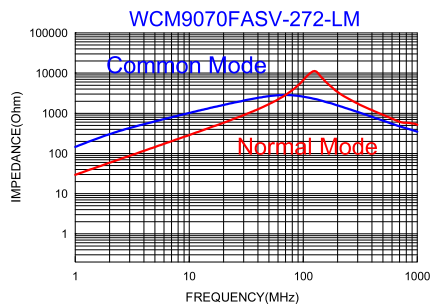
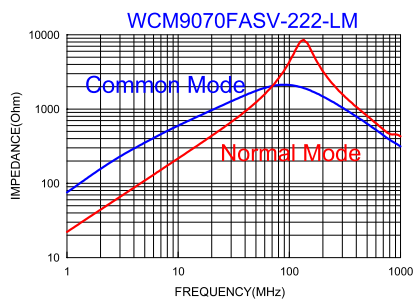
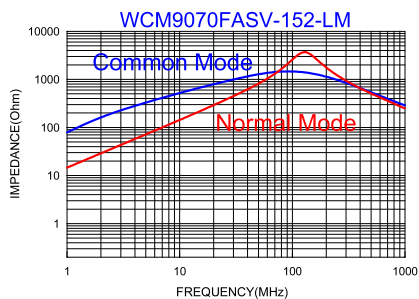
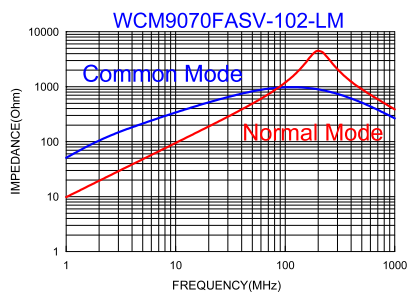
■ Specifications

Part Number	Common mode Impedance (Ω)		Test Frequency (MHz)	DC Resistance (mΩ) max. (1 line)	Rated Current (A) max.	Rated Volt. (Vdc) max.	IR (MΩ) min.
	min	typ.					
WCM9070FASV-501-LM	300	500	100	6	8.0	80	10
WCM9070FASV-701-LM	500	700	100	9	6.0	80	10
WCM9070FASV-102-LM	750	1000	100	10	5.0	80	10
WCM9070FASV-152-LM	1000	1500	100	15	4.5	80	10
WCM9070FASV-222-LM	1700	2200	100	25	4.0	80	10
WCM9070FASV-272-LM	2000	2700	100	32	3.5	80	10

■ Impedance-Frequency Characteristics (Typical)

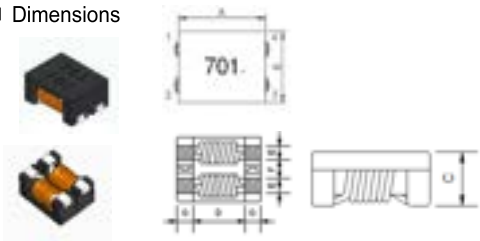


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



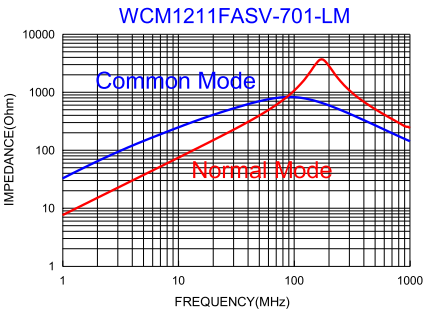
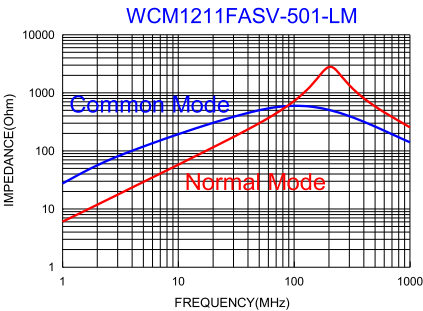
Dimensions	
A	12.00±0.50
B	11.00±0.30
C	6.00 max.
D	6.70 typ.
E	2.70±0.50
F	2.60±0.50
G	2.60±0.50

Units: mm

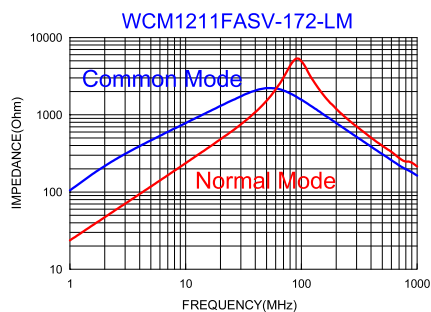
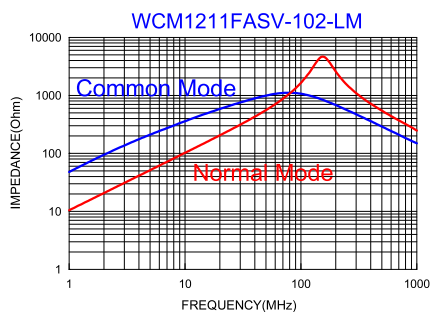
■ Specifications

Part Number	Common mode Impedance (Ω)		Test Frequency (MHz)	DC Resistance (mΩ) max. (1 line)	Rated Current (A) max.	Rated Volt. (Vdc) max.	IR (MΩ) min.
	min	typ.					
WCM1211FASV-501-LM	300	500	100	4	11	80	10
WCM1211FASV-701-LM	500	700	100	5	9	80	10
WCM1211FASV-102-LM	750	1000	100	8	7	80	10
WCM1211FASV-172-LM	1200	1700	100	12	5.5	80	10

■ Impedance-Frequency Characteristics (Typical)

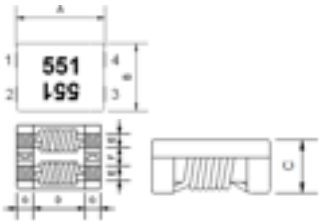


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



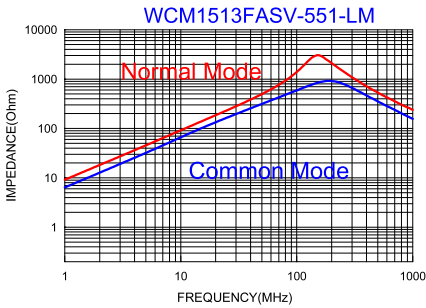
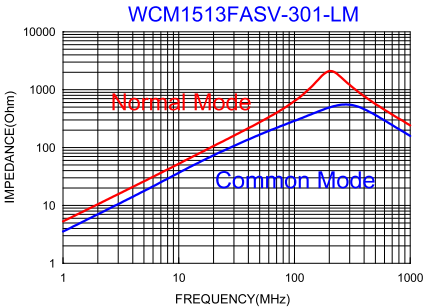
Dimensions	
A	15.00±0.50
B	13.00±0.40
C	6.00 max.
D	9.30 Typ.
E	2.70±0.50
F	3.60±0.50
G	2.80±0.50

Units: mm

■ Specifications

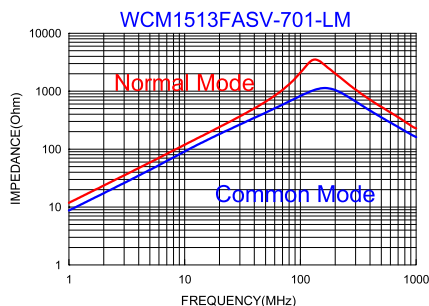
Part Number	Common mode Impedance (Ω)		Test Frequency (MHz)	DC Resistance (mΩ) max. (1 line)	Rated Current (A) max.	Rated Volt. (Vdc) max.	IR (MΩ) min.
	min	typ.					
WCM1513FASV-301-LM	200	300	100	3.5	14	125	10
WCM1513FASV-551-LM	450	550	100	4.0	10	125	10
WCM1513FASV-701-LM	500	700	100	5.0	10	125	10

■ Impedance-Frequency Characteristics (Typical)



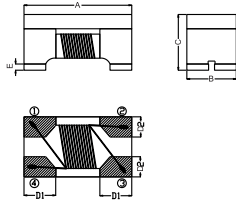


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



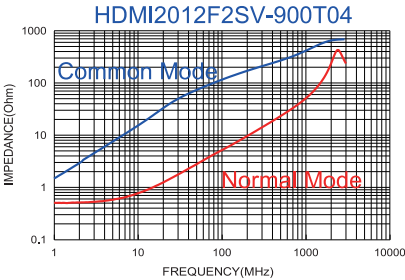
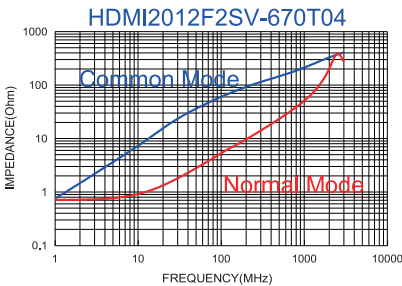
Dimensions	
A	2.00±0.20
B	1.20±0.20
C	1.20±0.20
D1	0.50±0.10
D2	0.51±0.10
E	0.15±0.10

Units: mm

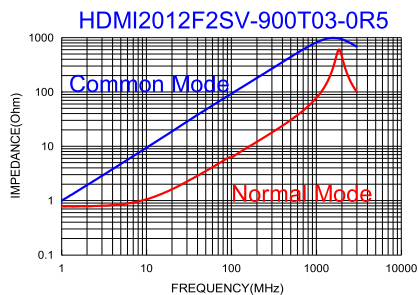
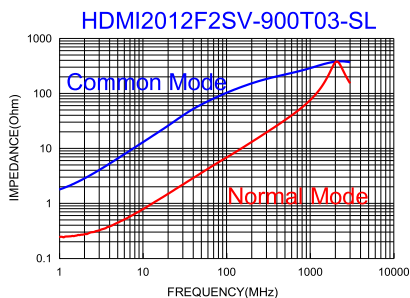
■ Specifications

Part Number	Common mode Impedance (Ω)		Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc)max.	Withstand Volt. (Vdc) max.	IR (Ω) min.
HDMI2012F2SV-670T04	67 typ	50 min	100	0.30	400	50	125	10M
HDMI2012F2SV-900T04	90 typ	65 min	100	0.30	400	50	125	10M
HDMI2012F2SV-900T03-SL	90 ±25%		100	0.30	300	50	125	10M
HDMI2012F2SV-900T03-0R5	90±25%		100	0.50	300	50	125	10M

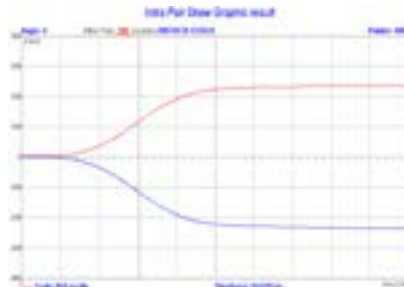
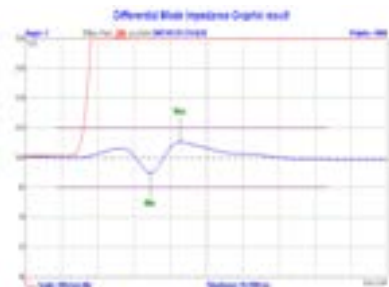
■ Impedance-Frequency Characteristics (Typical)



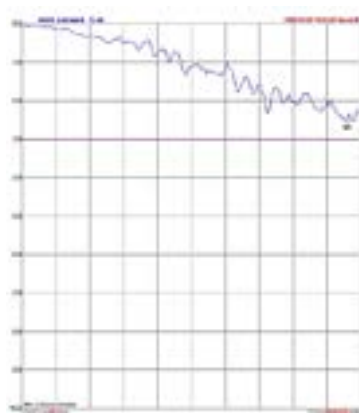
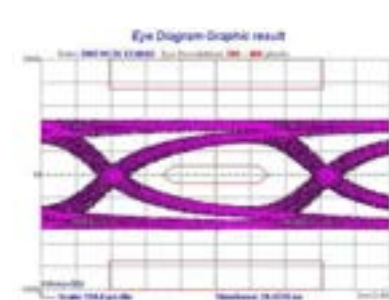
■ Impedance-Frequency Characteristics (Typical)



■ TDR Test and Intra Pair Skew Test -HDMI2012F2SV-900T04

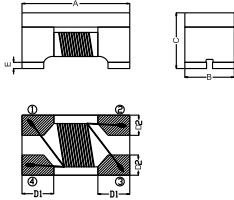
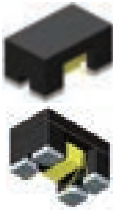


■ Eye Diagram Graphic Test and Insertion Loss Test -HDMI2012F2SV-900T04





■ Dimensions



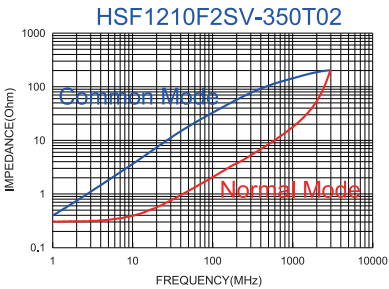
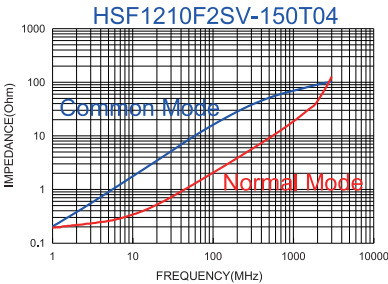
Dimensions	
A	1.20±0.20
B	1.00±0.20
C	0.90max
D1	0.35±0.10
D2	0.35±0.10
E	0.03min

Units: mm

■ Specifications

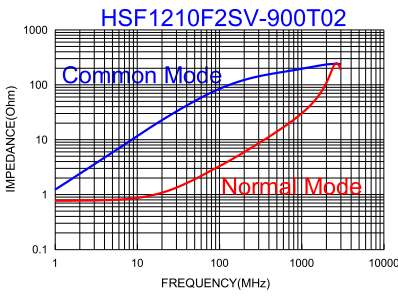
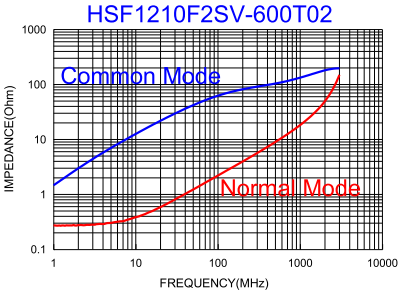
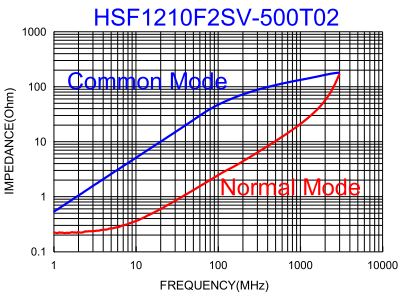
Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	Withstand Volt. (Vdc) max.	IR (Ω) min.
HSF1210F2SV-150T04	15±25%	100	0.25	400	50	125	10M
HSF1210F2SV-350T02	35±25%	100	0.30	200	50	125	10M
HSF1210F2SV-500T02	50±25%	100	0.30	250	50	125	10M
HSF1210F2SV-600T02	60±25%	100	0.30	250	50	125	10M
HSF1210F2SV-900T02	90±25%	100	0.40	200	50	125	10M

■ Impedance-Frequency Characteristics (Typical)



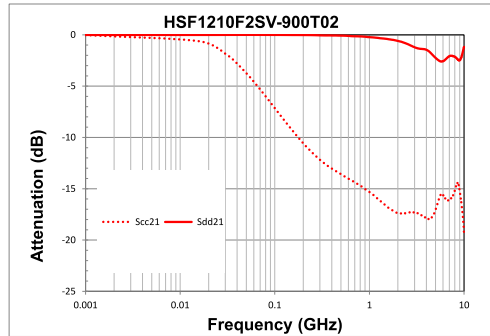
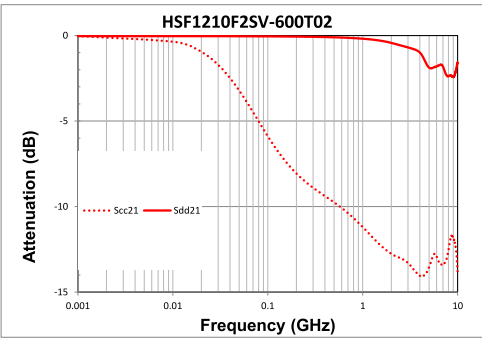
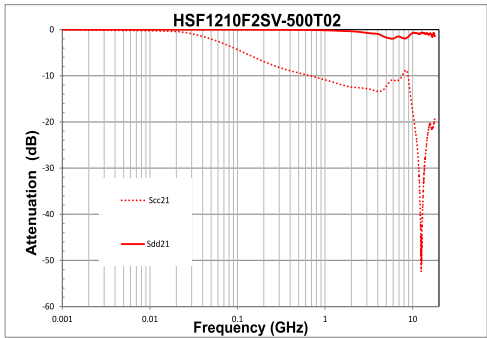
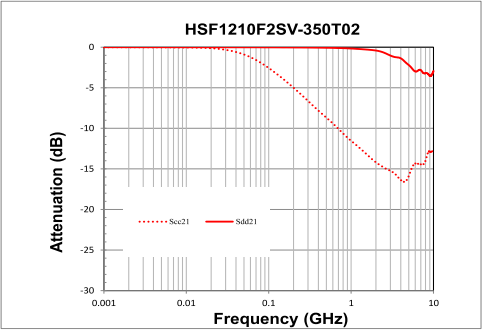
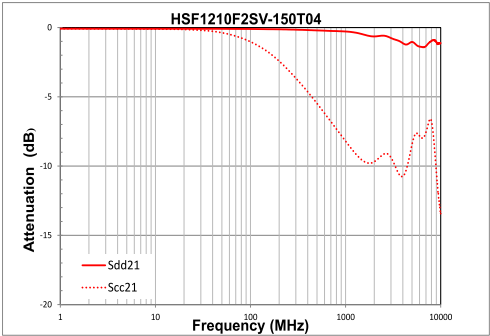


■ Impedance-Frequency Characteristics (Typical)



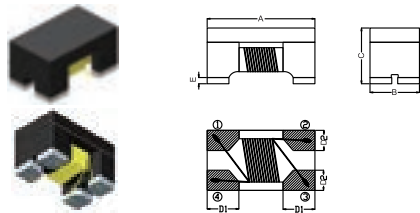


■ Insertion Loss Test (Typical)





■ Dimensions



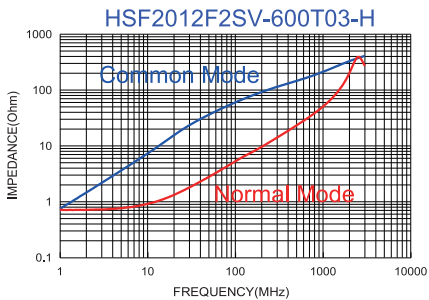
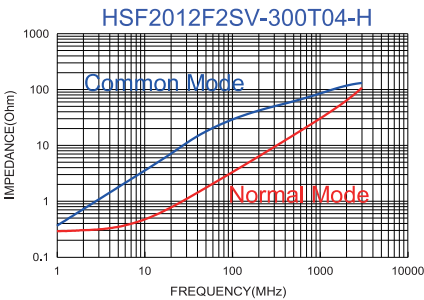
Dimensions	
A	2.00±0.20
B	1.20±0.20
C	1.20±0.20
D1	0.50±0.10
D2	0.51±0.10
E	0.15±0.10

Units: mm

■ Specifications

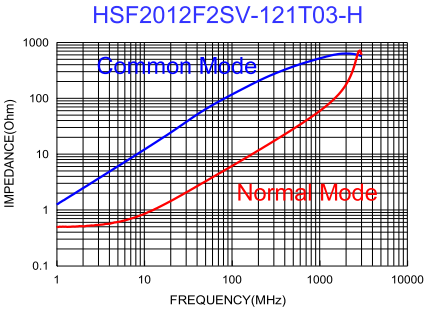
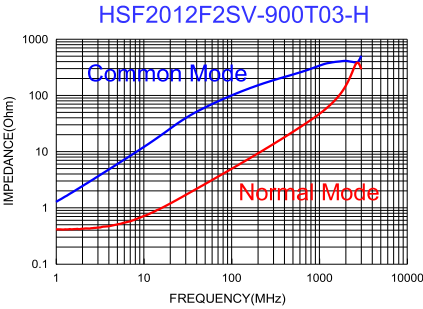
Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	Withstand Volt. (Vdc) max.	IR (Ω) min.
HSF2012F2SV-300T04-H	30±25%	100	0.20	400	50	125	10M
HSF2012F2SV-600T03-H	60±25%	100	0.30	300	50	125	10M
HSF2012F2SV-900T03-H	90±25%	100	0.30	300	50	125	10M
HSF2012F2SV-121T03-H	120±25%	100	0.35	330	50	125	10M

■ Impedance-Frequency Characteristics (Typical)

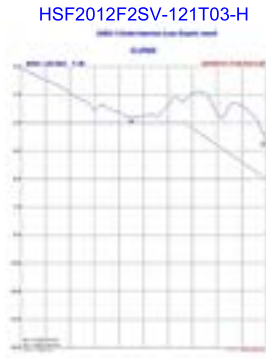
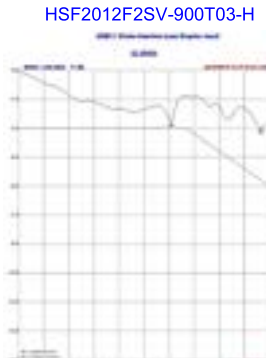
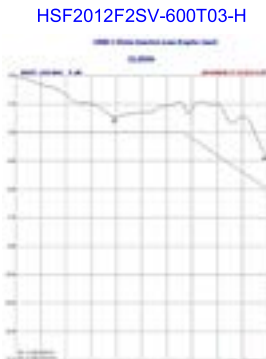
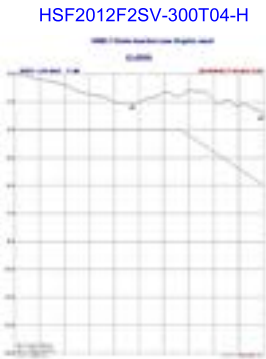




■ Impedance-Frequency Characteristics (Typical)

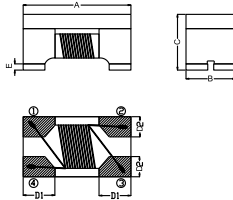


■ Insertion Loss Test (Typical)





■ Dimensions



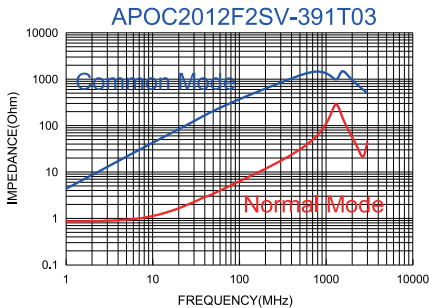
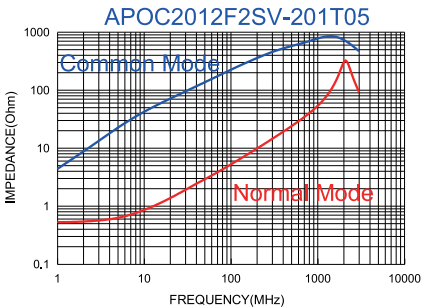
Dimensions	
A	2.00±0.20
B	1.20±0.20
C	1.20±0.20
D1	0.50±0.10
D2	0.51±0.10
E	0.15±0.10

Units: mm

■ Specifications

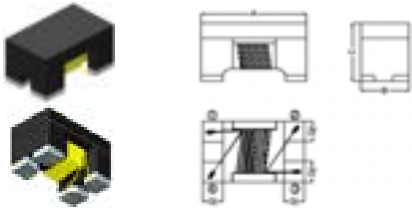
Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA)max.	Rated Volt. (Vdc)max.	Withstand Volt. (Vdc) max.	IR (Ω) min.
APOC2012F2SV-201T05	200±25%	100	0.135	500	50	125	10M
APOC2012F2SV-391T03	390±25%	100	0.350	300	50	125	10M

■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



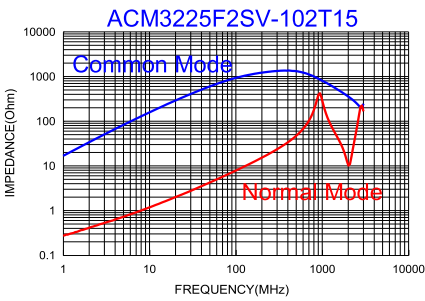
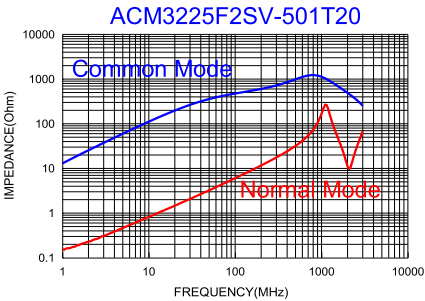
Dimensions	
A	3.20±0.20
B	2.50±0.20
C	2.20±0.20
D1	0.65±0.10
D2	1.00±0.10

Units: mm

■ Specifications

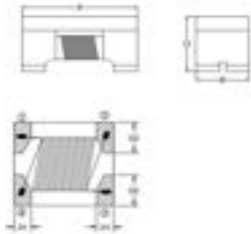
Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc)max.	IR (Ω) min.
ACM3225F2SV-501T20	500±25%	100	0.10	2000	60	10M
ACM3225F2SV-102T15	1000±25%	100	0.10	1500	60	10M

■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



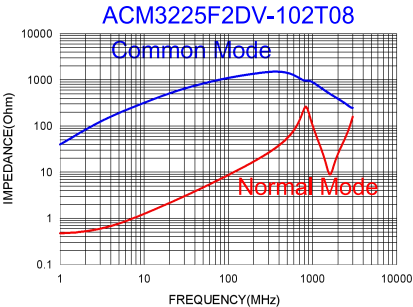
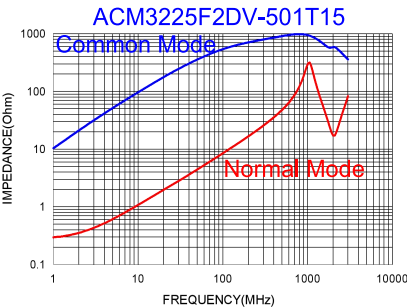
Dimensions	
A	3.20±0.20
B	2.50±0.20
C	2.20±0.20
D1	0.65±0.10
D2	1.00±0.10

Units: mm

■ Specifications

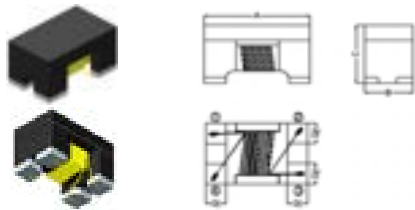
Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc)max.	IR (Ω) min.
ACM3225F2DV-501T15	500±25%	100	0.13	1500	80	10M
ACM3225F2DV-102T08	1000±25%	100	0.15	800	80	10M

■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



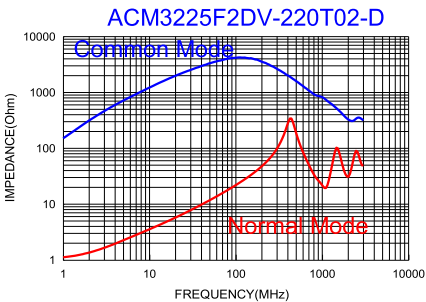
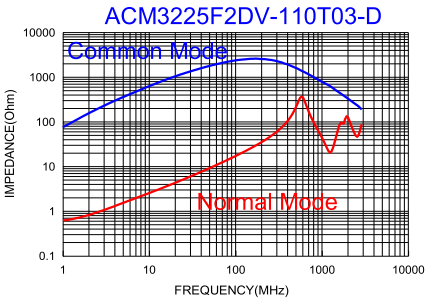
Dimensions	
A	3.30±0.20
B	2.50±0.20
C	2.50 max
D1	0.55±0.15
D2	0.75±0.20

Units: mm

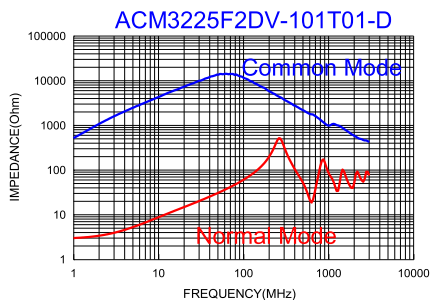
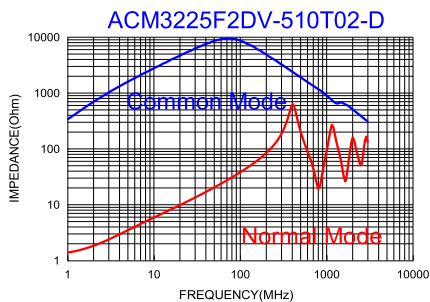
■ Specifications

Part Number	Common mode Impedance (Ω) [10MHz]		Inductance(μH) +50/-30% [100KHz/0.1V]	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	IR (Ω) min.
ACM3225F2DV-110T03-D	300 min	550 typ.	11	0.4	300	80	10M
ACM3225F2DV-220T02-D	500 min	1100 typ.	22	0.5	250	80	10M
ACM3225F2DV-510T02-D	1000 min	2600 typ.	51	0.7	200	80	10M
ACM3225F2DV-101T01-D	2200 min	5100 typ.	100	1.5	150	80	10M

■ Impedance-Frequency Characteristics (Typical)



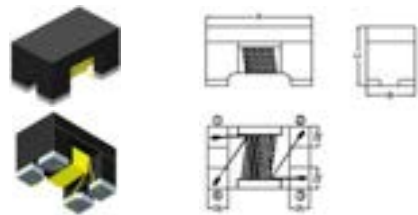
■ Impedance-Frequency Characteristics (Typical)



ACM 3225F2T Series (1210 inch -55~+150℃)



■ Dimensions



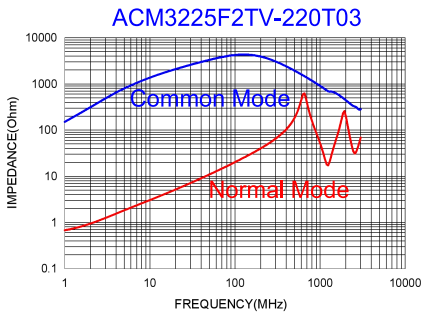
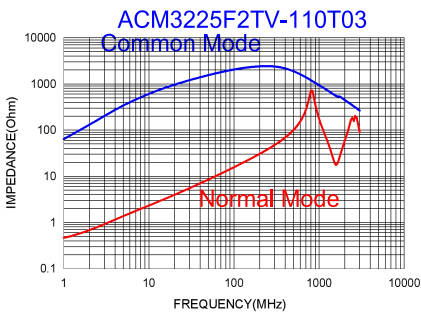
Dimensions	
A	3.30±0.20
B	2.50±0.20
C	2.50 max
D1	0.55±0.15
D2	1.00±0.20

Units: mm

■ Specifications

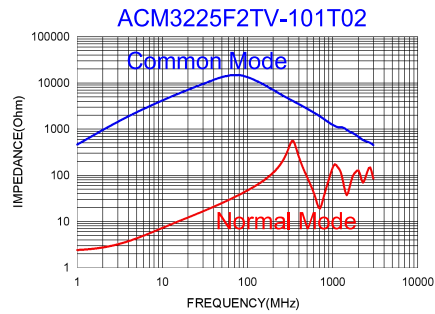
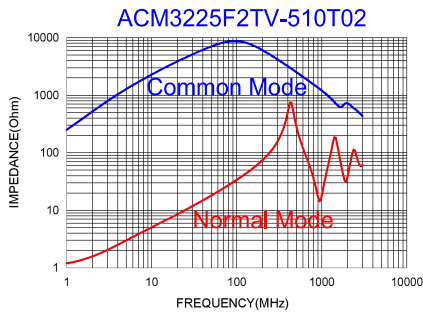
Part Number	Common mode Impedance (Ω) [10MHz]		Inductance(μH) +50/-30% [100KHz/0.1V]	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	IR (Ω) min.
ACM3225F2TV-110T03	300 min	550 typ.	11	0.4	300	80	10M
ACM3225F2TV-220T03	500 min	1100 typ.	22	0.5	300	80	10M
ACM3225F2TV-510T02	1000 min	2600 typ.	51	0.7	200	80	10M
ACM3225F2TV-101T02	2200 min	5100 typ.	100	1.5	200	80	10M

■ Impedance-Frequency Characteristics (Typical)



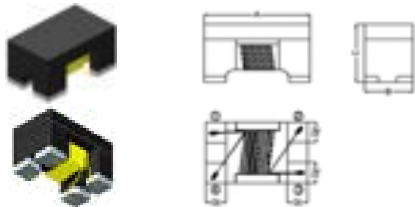


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



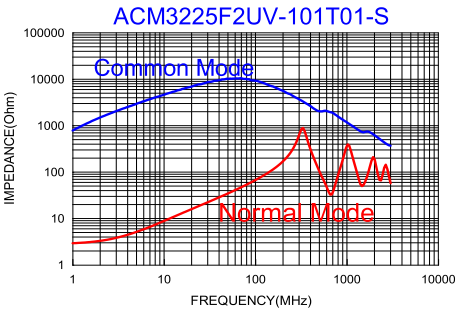
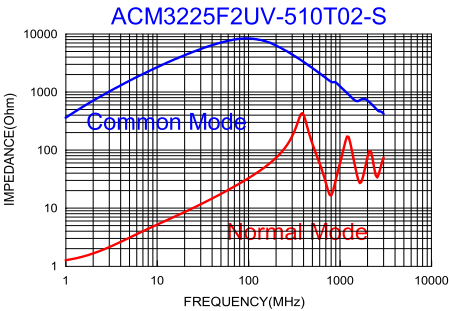
Dimensions	
A	3.30±0.20
B	2.50±0.20
C	2.50 max
D1	0.55±0.15
D2	1.00±0.20

Units: mm

■ Specifications

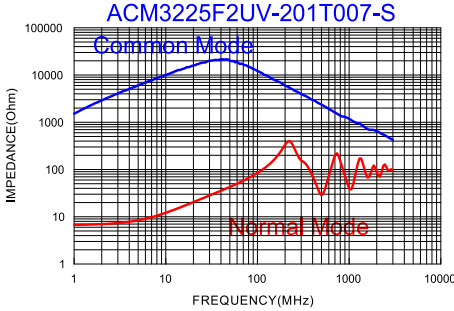
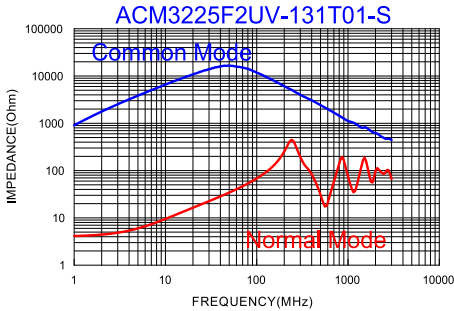
Part Number	Inductance (μH) [100kHz/0.1V]	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated voltage (Vdc) max.	IR (MΩ) min.
ACM3225F2UV-510T02-S	51+50/-30%	0.7	200	80	10
ACM3225F2UV-101T01-S	100+50/-30%	1.5	150	80	10
ACM3225F2UV-131T01-S	130+30/-10%	3.5	115	80	10
ACM3225F2UV-201T007-S	200+30/-10%	5.5	70	80	10

■ Impedance-Frequency Characteristics (Typical)



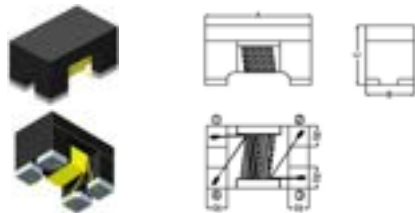


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



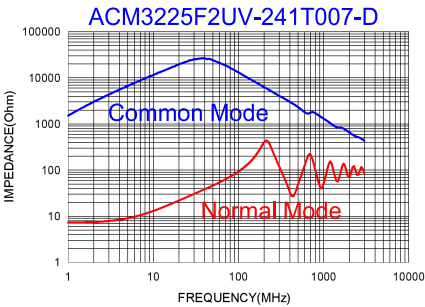
Dimensions	
A	3.30±0.20
B	2.50±0.20
C	2.50 max
D1	0.55±0.15
D2	1.00±0.20

Units: mm

■ Specifications

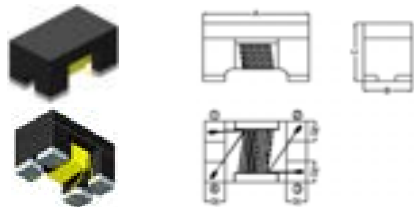
Part Number	Inductance (μH) [100kHz/0.1V]	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated voltage (Vdc) max.	IR (MΩ) min.
ACM3225F2UV-241T007-D	240 +50/-20%	4.1	70	80	10

■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



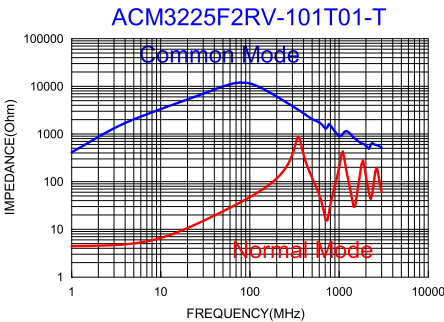
Dimensions	
A	3.30±0.20
B	2.50±0.20
C	2.50 max
D1	0.55±0.15
D2	1.00±0.20

Units: mm

■ Specifications

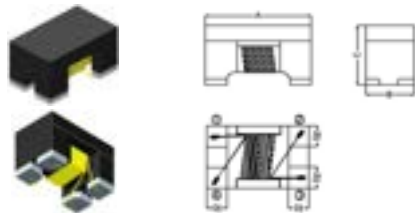
Part Number	Inductance (μ H) [100kHz/0.1V]		DC Resistance (Ω) $\pm 20\%$	Rated Current (mA) max.	Rated voltage (Vdc) max.	IR (M Ω) min.
ACM3225F2RV-101T01-T	100.(typ.)	80+50%/-30%	2.60	100	80	10

■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



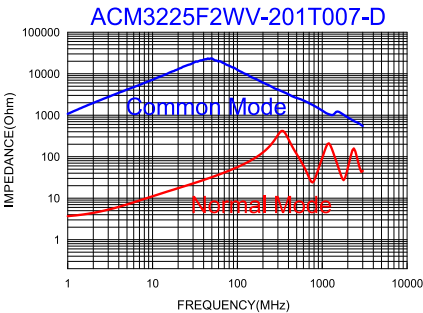
Dimensions	
A	3.30±0.20
B	2.50±0.20
C	2.50 max
D1	0.55±0.15
D2	0.75±0.20

Units: mm

■ Specifications

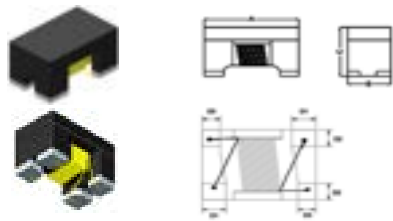
Part Number	Inductance (μH) [100kHz/0.1V]	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated voltage (Vdc) max.	IR (MΩ) min.
ACM3225F2WV-201T007-D	200 +30/-10%	5.5	70	80	10

■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



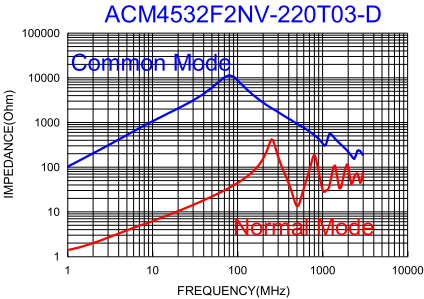
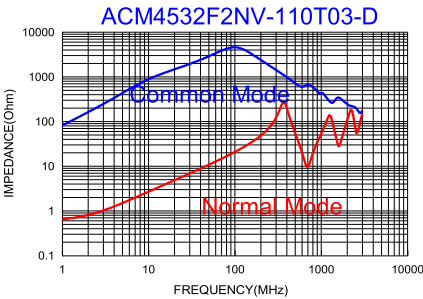
Dimensions	
A	4.50±0.20
B	3.20±0.20
C	2.80±0.20
D1	0.75±0.20
D2	0.85±0.20
D3	0.60±0.20

Units: mm

■ Specifications

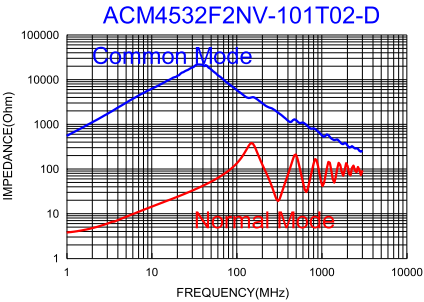
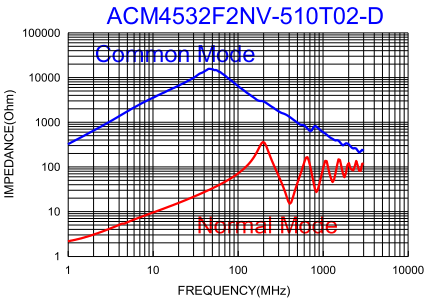
Part Number	Common mode Impedance (Ω) [10MHz]		Common mode Inductance (μH) +50/-30% [100KHz/0.1V]	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	IR (Ω) min.
	300 min	600 typ.					
ACM4532F2NV-110T03-D	500 min	1200 typ.	11	0.6	360	50	10M
ACM4532F2NV-220T03-D	1000 min	2800 typ.	22	1.0	310	50	10M
ACM4532F2NV-510T02-D	2000 min	5800 typ.	100	2.0	200	50	10M

■ Impedance-Frequency Characteristics (Typical)



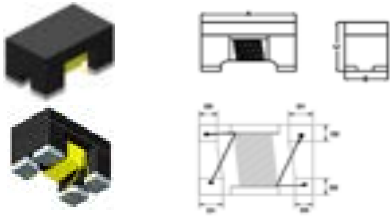


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



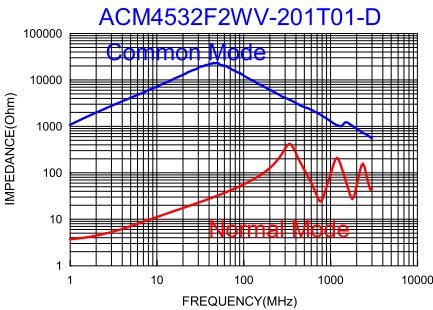
Dimensions	
A	4.50±0.20
B	3.20±0.20
C	2.80±0.15
D1	0.80±0.20
D2	0.85±0.20
D3	0.60±0.20

Units: mm

■ Specifications

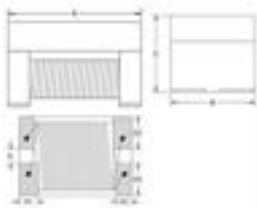
Part Number	Inductance +60/-20(μH) [100kHz/0.1V]	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated voltage (Vdc) max.	IR (Ω) min.
ACM4532F2WV-201T01-D	200	4.5	100	50	10M

■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



Dimensions	
A	4.60±0.20
B	3.20±0.20
C	2.90±0.15
D1	0.75±0.20
D2	0.60±0.20
D3	1.30±0.20
E	0.60±0.20

Units: mm

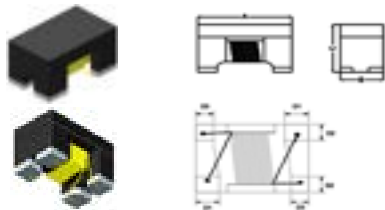
■ Specifications

Part Number	Inductance (μH)Typ. [100kHz/0.1V]		DC Resistance (Ω) max.		Insertion loss Max				Return Loss (Min) (Z OUT=100Ω±1%)		
					10-100MHz		100-400MHz		30-80MHz	200MHz	400MHz
	100		4.2		-1.0 dB		-1.7 dB		-22 dB	-17 dB	-15 dB
ACM4532F2NV-101-T	Common To Common- Mode Rejection (Min)				Common To Differential- Mode Rejection (Min)				Current Rating (mA)Max	Turns Ratio and Polarity	
	30-80MHz	200MHz	400MHz	1000MHz	10-30MHz	100MHz	200MHz	1000MHz			
	-45 dB	-35 dB	-32 dB	-25 dB	-60 dB	-47 dB	-40 dB	-38 dB	100	1.00±2%,PER SCHEMATIC	

Part Number	Inductance (μH)Typ. [100kHz/0.1V]		DC Resistance (Ω) max.		Insertion loss Max			Return Loss (Min) (Z OUT=100Ω±1%)		
					100 KHz	1-60 MHz		1-10MHz	30MHz	60MHz
	160		5.0		-0.5 dB	-1.0 dB		-26 dB	-21.1 dB	-18 dB
ACM4532F2NV-161-T	Common To Common- Mode Rejection (Min)				Common To Differential- Mode Rejection (Min)			Current Rating (mA)Max	Turns Ratio and Polarity	
	1 MHz	10-100MHz	400MHz	1000MHz	1-10MHz	100MHz	1000MHz			
	-23 dB		-42 dB	-25 dB	-15 dB	-70 dB	-50 dB	-24 dB	100	1.00±2%,PER SCHEMATIC



■ Dimension



Dimensions	
A	6.50±0.30
B	4.50±0.20
C	2.70±0.20
D1	0.88±0.20
D2	0.90±0.20
D3	0.76±0.15

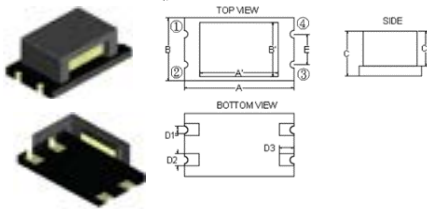
Units: mm

■ Specifications

Part Number		Inductance (uH) [100KHz/0.1V]	Insertion loss (dB Max)		Return Loss (dB Min)		
			100MHz	1-60MHz	1-10MHz	30MHz	60MHz
ACM65452F2NV-101-T		100 typ.	-3.0dB	-1.0dB	-28dB	-23dB	-18dB
Common Mode Rejection (dB Min)				Differential to Common Mode Rejection (dB Min)			Current Rating (mA)Max
1MHz	10MHz	60-100MHz	200-1000MHz	1-10MHz	100MHz	1000MHz	
-18dB	-35dB	-43dB	-30dB	-70dB	-50dB	-25dB	350



■ Dimensions



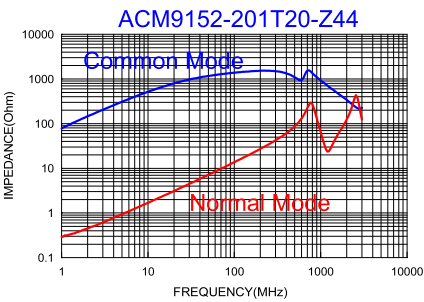
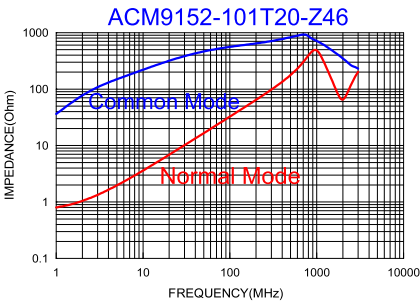
Dimensions		
	ACM9152-Z44	ACM9152-Z46
A	9.10±0.20	9.10±0.20
A'	4.50±0.20	6.50±0.30
B	5.17±0.20	5.17±0.20
B'	3.20±0.20	4.50±0.20
C	3.90±0.20	3.80±0.20
C'	2.80±0.20	2.70±0.20
D1	0.60±0.10	0.60±0.10
D2	1.00±0.10	1.00±0.10
D3	1.20±0.10	1.20±0.10
E	2.50±0.20	2.50±0.20

Units: mm

■ Specifications

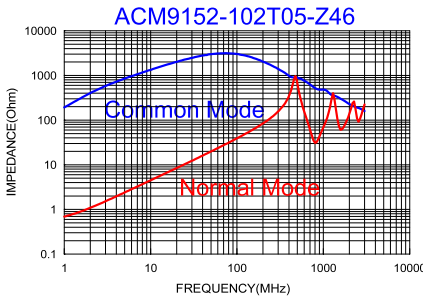
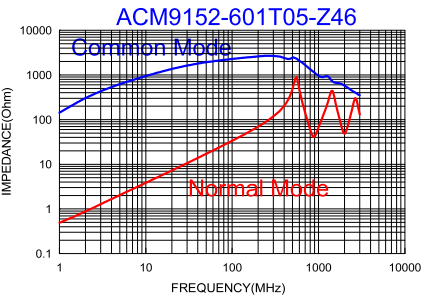
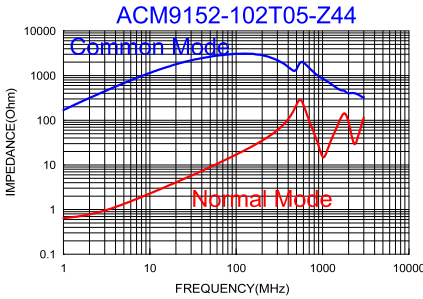
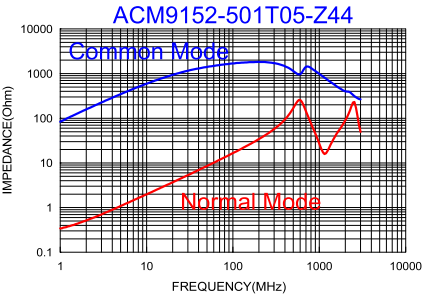
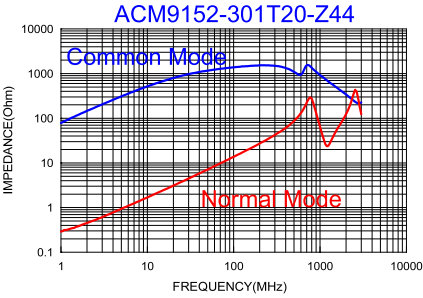
Part Number	Common mode Impedance ()	Test Frequency (MHz)	DC Resistance () max.	Rated Current (A) max.	Rated Volt. (Vdc) max.	Withstand Volt. (Vdc) max.	IR () min.
ACM9152-101T20-Z46	100 min	20 to 100	0.10	2.0	50	250	100M
ACM9152-201T20-Z44	200 min	20 to 300	0.12	2.0	50	125	100M
ACM9152-301T20-Z44	300 min	6 to 20	0.12	2.0	50	125	100M
ACM9152-501T05-Z44	500 min,1000typ.	10	0.15	0.5	80	200	100M
ACM9152-102T05-Z44	1000 min,2000typ.	10	0.25	0.5	80	200	100M
ACM9152-601T05-Z46	600 min,1000typ	10	0.25	0.5	80	200	100M
ACM9152-102T05-Z46	1000 min,2000typ	10	0.30	0.5	80	200	100M

■ Impedance-Frequency Characteristics (Typical)



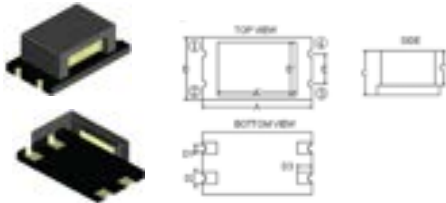


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



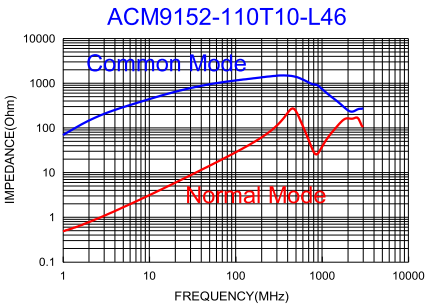
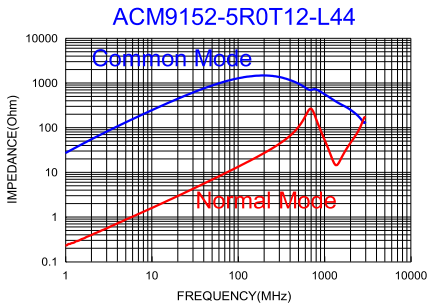
Dimensions		
	ACM9152-L44	ACM9152-L46
A	9.10±0.20	9.10±0.20
A'	4.50±0.20	6.50±0.30
B	5.17±0.20	5.17±0.20
B'	3.20±0.20	4.50±0.20
C	3.80±0.20	3.80±0.20
C'	2.80±0.20	2.70±0.20
D1	0.60±0.10	0.60±0.10
D2	1.00±0.10	1.00±0.10
D3	1.20±0.10	1.20±0.10
E	2.50±0.20	2.50±0.20

Units: mm

■ Specifications

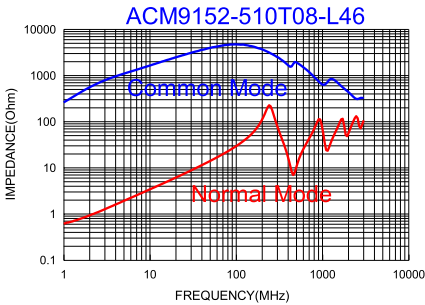
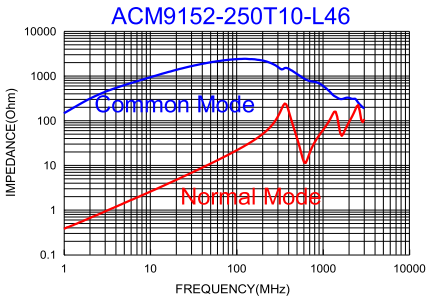
Part Number	Inductance (μ H)±30% [100KHz/0.1V] (1-4)(2-3)	DC Resistance (Ω) (1-4)(2-3)	Rated Current (A) max	L Stray. typ. (nH)	V test V DC,2s
ACM9152-5R0T12-L44	5.0	0.06 typ.	1.2	40	250
ACM9152-110T10-L46	11.0	0.08 typ.	1.0	50	250
ACM9152-250T10-L46	25.0	0.11 typ.	1.0	60	250
ACM9152-510T08-L46	51.0	0.30 typ.	0.8	70	250

■ Impedance-Frequency Characteristics (Typical)



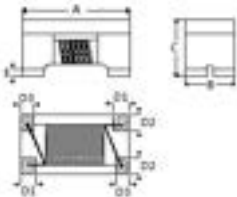


■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



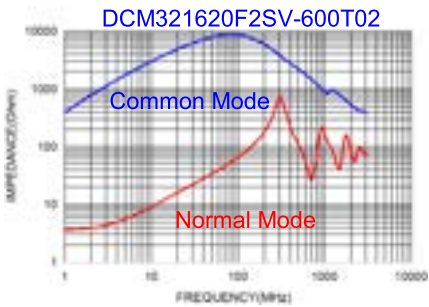
Dimensions	
A	3.40±0.20
B	1.60±0.20
C	2.00±0.20
D1	0.64±0.10
D2	0.58±0.10
D3	0.54±0.10
E	0.12typ

Units: mm

■ Specifications

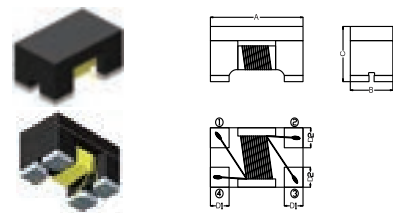
Part Number	Inductance(uH) [100KHz/0.1V] min.	Capacitance (pF)Max	Insertion loss 1-100MHz (dB)		Return loss 1-100MHz (dB)	
	60	14	-0.7 typ.		-20 typ.	
DCM321620F2SV-600T02	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	Withstand Volt. (Vdc)max.	IR(Ω) min.	
	1.1	200	50	125	10M	

■ Impedance-Frequency Characteristics (Typical)





■ Dimensions



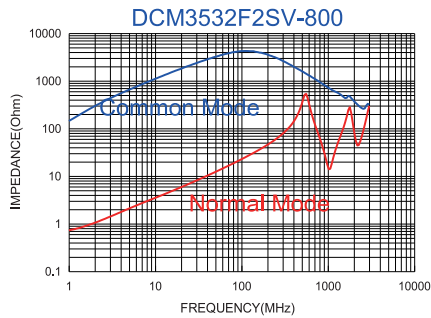
Dimensions	
A	3.50±0.20
B	3.20±0.20
C	2.20±0.20
D1	0.63±0.05
D2	1.18±0.05

Units: mm

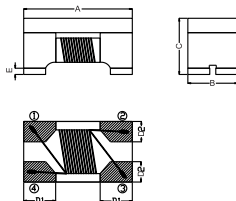
■ Specifications

Part Number	Inductance(uH) [100KHz/0.1V]	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	IR(Ω) min.	Capacitance (pf)max
DCM3532F2SV-800	75~160	1.3	200	50	10M	19

■ Impedance-Frequency Characteristics (Typical)



■ Dimensions



Dimensions	
A	2.00±0.20
B	1.20±0.20
C	1.20±0.20
D1	0.50±0.10
D2	0.51±0.10
E	0.15±0.10

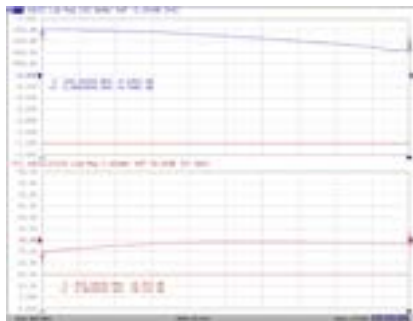
Units: mm

■ Specifications

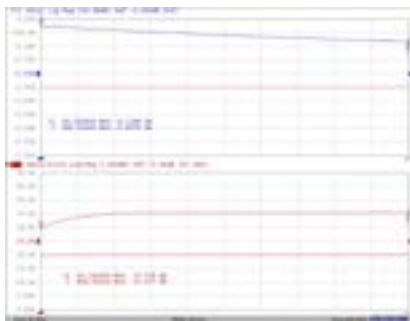
Part Number	UB/B Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Power (dBm) max.	Rated Volt. (DCV) max.	Withstand Volt.(DCV) max.	IR (MΩ) min.	Insertion Loss (dB) max.	CMRR (dB)
BCM2012F2SV-50011-TE2	50/50	400~1800	0.50	27	20	125	10	2.2	15(typ.)
BCM2012F2SV-50011-T02	50/50	40~ 860	1.00	27	20	125	10	2.5	20(typ.)
BCM2012F2SV-50011-MN2	50/50	100~1000	0.35	27	20	50	10	1.0	10(min.)
BCM2012F2SV-50011-ST2	50/50	45~870	1.00	27	20	50	10	1.2	20(min.)
BCM2012F2SV-75011-TE2	75/75	400~1800	0.50	27	20	125	10	2.0	15(typ.)
BCM2012F2SV-75011-T02	75/75	50~1200	0.70	27	20	125	10	1.2	20(typ.)
BCM2012F2SV-75011-MS2	75/75	1000~1500	0.59	27	20	50	10	1.4	20(min.)
BCM2012F2SV-75011-MT2	75/75	50~1200	0.77	27	20	50	10	50~870MHz:1.0 870~1200MHz:1.2	20(min.)
BCM2012F2SV-75011-SA2	75/75	45~870	0.88	27	20	50	10	1.0	20(min.)
BCM2012F2SV-75011-SB2	75/75	50~1200	0.70	27	20	50	10	1.2	20(min.)
BCM2012F2SV-75011-122	75/75	1000~1500	0.59	27	20	50	10	1.4	20(min.)

■ Characteristics (Typical)

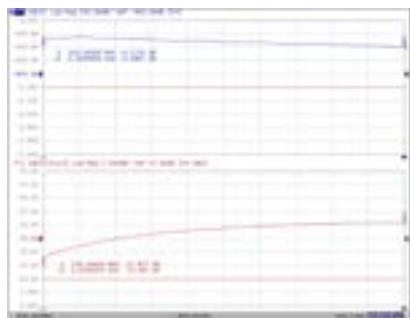
BCM2012F2SV-50011-TE2



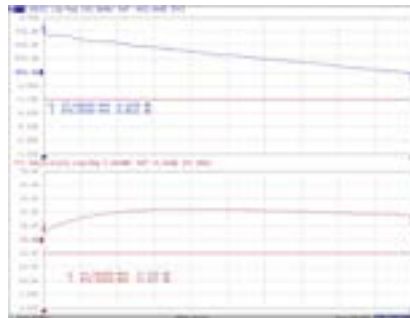
BCM2012F2SV-50011-T02



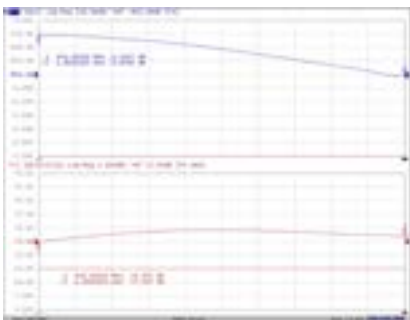
BCM2012F2SV-50011-MN2



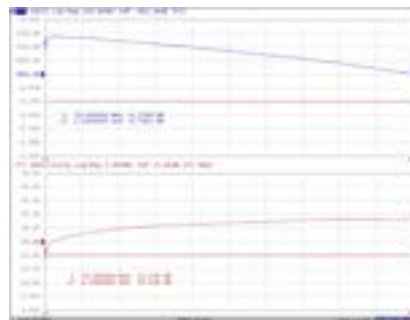
BCM2012F2SV-50011-ST2



BCM2012F2SV-75011-TE2



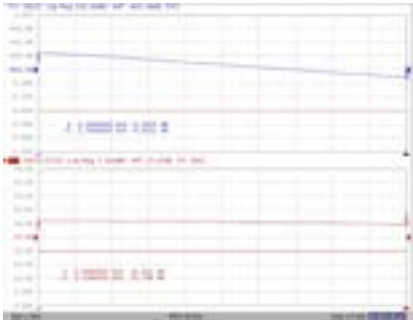
BCM2012F2SV-75011-T02



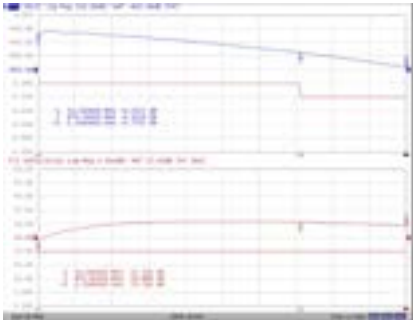


■ Characteristics (Typical)

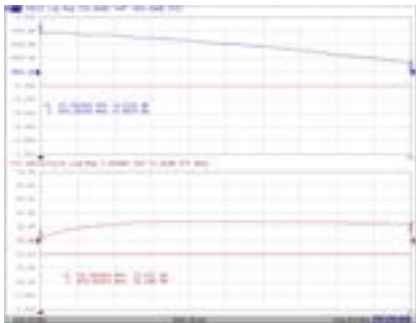
BCM2012F2SV-75011-MS2



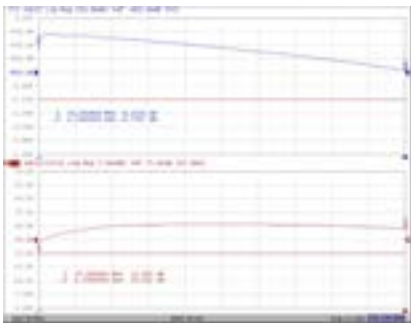
BCM2012F2SV-75011-MT2



BCM2012F2SV-75011-SA2



BCM2012F2SV-75011-SB2

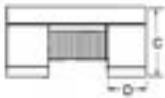


BCM2012F2SV-75011-122





■ Dimensions



Dimensions	
A	2.00±0.20
B	1.20±0.20
C	1.60±0.20
D	0.48±0.10

Units: mm

■ Specifications

Part Number	Ls(μH) (@1 MHz)	DCR (Ω) Max.	SRF (MHz) min.	Rated current(mA)		
				Isat(mA)	Based on temperature rise	
					Ambient temperature 105°C	Ambient temperature 125°C
APO201216NV-R47M	0.47±20%	0.05	470	1000	1100	900
APO201216NV-R82M	0.82±20%	0.09	360	800	800	700
APO201216NV-1R0M	1.00±20%	0.13	320	700	700	600
APO201216NV-1R5M	1.50±20%	0.18	260	550	550	500
APO201216NV-2R0M	2.00±20%	0.29	230	450	450	400

Note:

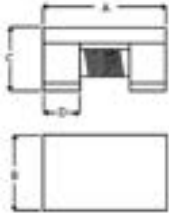
Isat: Applied the current to coils, the inductance change shall be less than 30% of initial value.

Ambient temperature (85°C/105°C): the part temperature (ambient temperature plus self-generation of heat) should be under 150°C.

Ambient temperature (125°C):the part temperature (ambient temperature plus self-generation of heat) should be under 150°C.



■ Dimensions



Dimensions	
A	3.20±0.20
B	2.50±0.20
C	2.30±0.20
D	0.58±0.10

Units: mm

■ Specifications

Part Number	Ls(μ H) (@1 MHz)	DCR (Ω) Max.	SRF (MHz min.)	Rated current(mA)			
				Isat(mA)	Based on temperature rise		
					Ambient temperature 85°C	Ambient temperature 105°C	Ambient temperature 125°C
APO322523NV-2R2M	2.2±20%	0.19	200	1000	1000	880	520
APO322523NV-2R7M	2.7±20%	0.22	200	975	975	860	510
APO322523NV-3R3M	3.3±20%	0.24	150	950	950	840	500
APO322523NV-4R7M	4.7±20%	0.28	100	850	850	720	400
APO322523NV-100M	10.0±20%	0.40	100	500	700	620	360
APO322523NV-220M	22.0±20%	0.62	50	400	550	500	280
APO322523NV-470M	47.0±20%	0.90	30	300	500	300	100

Note:

Isat: Applied the current to coils, the inductance change shall be less than 30% of initial value.

Ambient temperature (85°C/105°C): the part temperature (ambient temperature plus self-generation of heat) should be under 125°C.

Ambient temperature (125°C):the part temperature (ambient temperature plus self-generation of heat) should be under 130°C.



■ Dimensions



Dimensions	
A	3.20±0.20
B	2.50±0.20
C	2.30±0.20
D	0.58±0.10

Units: mm

■ Specifications

Part Number	Ls(μ H) (@100KHz)	DCR (Ω) Max.	Rated current(mA)					
			Isat			Irms		
			25°C (mA) Typ.	105°C (mA) Typ.	125°C (mA) Typ.	25°C (mA) Typ.	105°C (mA) Typ.	125°C (mA) Typ.
APO322523TV-2R2M	2.2±20%	0.18	1100	1000	950	1350	1220	1045
APO322523TV-4R7M	4.7±20%	0.10	720	650	600	1500	1400	1300
APO322523TV-100M	10.0±20%	0.15	450	400	350	1300	1200	1100
APO322523TV-150M	15.0±20%	0.40	400	350	310	825	725	625

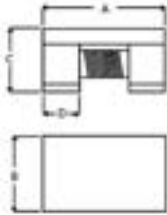
Note:

Isat : when based on the inductance change rate (30% below the initial L value)

Irms : When based on the temperature increase (temperature increase of 40℃ by self-heating)



■ Dimensions



Dimensions	
A	3.20±0.20
B	2.50±0.20
C	3.00±0.20
D	0.58±0.10

Units: mm

■ Specifications

Part number	Ls (μ H) @100K/0.1V	DCR (Ohms)		SRF Typ. (MHz)	Isat(mA) Typ.					Irms(mA) Typ.		
		Typ.	max		25°C	85°C	105°C	125°C	140°C	25°C	85°C	125°C
APO322530NV-2R2M	2.2±20%	0.10	0.13	300	2200	1900	1700	1500	1300	190	1730	1000
APO322530NV-6R8M	6.8±20%	0.20	0.24	120	1400	1000	930	800	700	136	1230	800
APO322530NV-100M	10.0±20%	0.29	0.34	95	1100	850	760	660	560	113	1020	570
APO322530NV-220M	22.0±20%	0.76	0.88	70	720	580	520	450	390	700	630	400

Note:

Maximum part temperature +140°C (ambient temperature plus self-generation of heat).

Isat : DC current that causes 30% inductance drop from its initial value at 200 mA at specified temperature.

Irms: Current that causes a 40°C rise at 25°C.

Current that causes a 40°C rise at 85°C.

Current that causes a 15°C rise at 125°C.



■ Dimensions



Dimensions	
A	4.50±0.20
B	3.20±0.20
C	3.50±0.20
D	0.83±0.10

Units: mm

■ Specifications

Part Number	Ls(μH) (@1 MHz)	DCR (Ω) Max.	SRF (MHz) min.	Rated current(mA)		
				Isat(mA)	Based on temperature rise	
					Ambient temperature 105℃	Ambient temperature 125℃
APO453235NV-100M	10 ± 20%	0.13	60	1000	1000	710
APO453235NV-180M	18 ± 20%	0.16	40	800	845	600
APO453235NV-220M	22 ± 20%	0.18	30	700	700	500

Note:

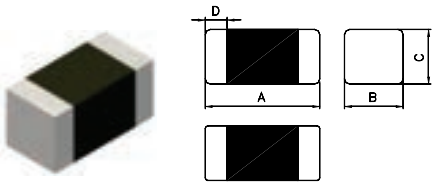
Isat: Applied the current to coils, the inductance change shall be less than 30% of initial value.

Ambient temperature (105℃): the part temperature (ambient temperature plus self-generation of heat) should be under 125℃.

Ambient temperature (125℃):the part temperature (ambient temperature plus self-generation of heat) should be under 130℃.



■ Dimensions



Dimensions	
A	1.00±0.10
B	0.50±0.10
C	0.50±0.10
D	0.25±0.10

Units: mm

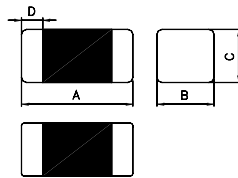
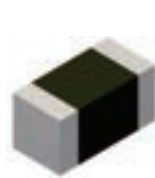
■ Specifications

Part Number	Inductance		Q		Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
	(uH)	Test Frequency (Hz)	min.	Test Frequency (MHz)			
FCI1005V-1R0□	1.0	60mV / 10M	20	10	15	0.90	40
FCI1005V-1R8□	1.8	60mV / 10M	20	10	15	1.45	30
FCI1005V-2R2□	2.2	60mV / 10M	20	10	10	1.70	28

NOTE: □:TOLERANCE K=±10%,L=±15%,M=±20%



■ Dimensions



Dimensions		
A	1.60±0.1	1.80±0.15
B	0.80±0.15	
C	0.80±0.15	
D	0.30±0.20	

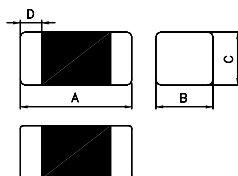
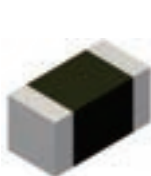
Units: mm

■ Specifications

Part Number	ThicknessA Size(mm)	Inductance(uH)		Q		Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
		(uH)	Test Frequency (Hz)	min.	Test Frequency(MHz)			
FCI1608V-47N□	1.60±0.15	0.047	60mV / 50M	10	50	50	0.30	260
FCI1608V-68N□	1.60±0.15	0.068	60mV / 50M	10	50	50	0.30	250
FCI1608V-82N□	1.60±0.15	0.082	60mV / 50M	10	50	50	0.30	245
FCI1608V-R10□	1.60±0.15	0.10	60mV / 25M	15	25	50	0.50	240
FCI1608V-R12□	1.60±0.15	0.12	60mV / 25M	15	25	50	0.50	205
FCI1608V-R15□	1.60±0.15	0.15	60mV / 25M	15	25	50	0.60	180
FCI1608V-R18□	1.60±0.15	0.18	60mV / 25M	15	25	50	0.60	165
FCI1608V-R22□	1.60±0.15	0.22	60mV / 25M	15	25	50	0.80	150
FCI1608V-R27□	1.60±0.15	0.27	60mV / 25M	15	25	50	0.80	136
FCI1608V-R33□	1.60±0.15	0.33	60mV / 25M	15	25	35	0.85	125
FCI1608V-R39□	1.60±0.15	0.39	60mV / 25M	15	25	35	1.00	110
FCI1608V-R47□	1.60±0.15	0.47	60mV / 25M	15	25	35	1.35	105
FCI1608V-R56□	1.60±0.15	0.56	60mV / 25M	15	25	35	1.55	95
FCI1608V-R68□	1.60±0.15	0.68	60mV / 25M	15	25	35	1.70	80
FCI1608V-R82□	1.60±0.15	0.82	60mV / 25M	15	25	35	2.10	75
FCI1608V-1R0□	1.60±0.15	1.0	60mV / 10M	30	10	25	0.60	70
FCI1608V-1R5□	1.60±0.15	1.5	60mV / 10M	30	10	25	0.80	55
FCI1608V-1R8□	1.60±0.15	1.8	60mV / 10M	30	10	25	0.95	50
FCI1608V-2R2□	1.60±0.15	2.2	60mV / 10M	30	10	15	1.15	45
FCI1608V-3R3□	1.60±0.15	3.3	60mV / 10M	30	10	15	1.55	38
FCI1608V-4R7□	1.60±0.15	4.7	60mV / 10M	30	10	15	2.10	33
FCI1608TV-100□	1.80±0.15	10	60mV / 2M	30	2	15	2.55	17

NOTE: □:TOLERANCE K=±10%,L=±15%,M=±20%

■ Dimensions



Dimensions	
A	2.00±0.20
B	1.25±0.20
C	0.85±0.20 1.25±0.20
D	0.50±0.30

Units: mm

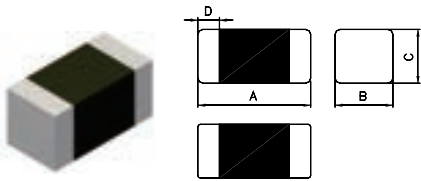
■ Specifications

Part Number	Thickness	Inductance(uH)		Q		Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
	C size(mm)	(uH)	Test Frequency (Hz)	min.	Test Frequency (MHz)			
FCI2012V-47N□	0.85±0.20	0.047	60mV / 50M	15	50	300	0.20	320
FCI2012V-R10□	0.85±0.20	0.10	60mV / 25M	20	25	250	0.30	235
FCI2012V-R12□	0.85±0.20	0.12	60mV / 25M	20	25	250	0.30	220
FCI2012V-R15□	0.85±0.20	0.15	60mV / 25M	20	25	250	0.40	200
FCI2012V-R18□	0.85±0.20	0.18	60mV / 25M	20	25	250	0.40	185
FCI2012V-R22□	0.85±0.20	0.22	60mV / 25M	20	25	250	0.50	170
FCI2012V-R27□	0.85±0.20	0.27	60mV / 25M	20	25	250	0.50	150
FCI2012V-R33□	0.85±0.20	0.33	60mV / 25M	20	25	250	0.55	145
FCI2012V-R39□	0.85±0.20	0.39	60mV / 25M	25	25	200	0.65	135
FCI2012V-R47□	1.25±0.20	0.47	60mV / 25M	25	25	200	0.65	125
FCI2012V-R56□	1.25±0.20	0.56	60mV / 25M	25	25	150	0.75	115
FCI2012V-R68□	1.25±0.20	0.68	60mV / 25M	25	25	150	0.80	105
FCI2012V-1R0□	0.85±0.20	1.0	60mV / 10M	45	10	50	0.40	75
FCI2012V-1R5□	0.85±0.20	1.5	60mV / 10M	45	10	50	0.50	60
FCI2012V-1R8□	0.85±0.20	1.8	60mV / 10M	45	10	50	0.60	55
FCI2012V-2R2□	0.85±0.20	2.2	60mV / 10M	45	10	30	0.65	50
FCI2012V-2R7□	1.25±0.20	2.7	60mV / 10M	45	10	30	0.75	45
FCI2012V-3R3□	1.25±0.20	3.3	60mV / 10M	45	10	30	0.80	41
FCI2012V-4R7□	1.25±0.20	4.7	60mV / 10M	45	10	30	1.00	35
FCI2012V-100□	1.25±0.20	10.0	60mV / 2M	45	2	15	1.15	24

NOTE: □:TOLERANCE K=±10%,L=±15%,M=±20%



■ Dimensions



Dimensions	
A	3.20±0.20
B	1.60±0.20
C	1.10±0.30
D	0.50±0.30

Units: mm

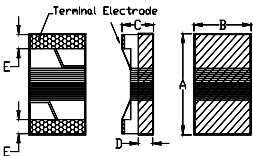
■ Specifications

Part Number	Inductance(uH)		Q		Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
	(uH)	Test Frequency (Hz)	min.	Test Frequency (MHz)			
FCI3216V-1R0□	1.0	60mV / 10M	45	10	100	0.40	75
FCI3216V-2R2□	2.2	60mV / 10M	45	10	50	0.60	50
FCI3216V-4R7□	4.7	60mV / 10M	45	10	50	0.90	35
FCI3216V-100□	10.0	60mV / 2M	50	2	25	1.00	24

NOTE: □:TOLERANCE K=±10%,L=±15%,M=±20%



■ Dimensions



Dimensions	
A	1.65±0.15
B	1.15±0.15
C	1.05±0.15
D	0.38 ref
E	0.35±0.10

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q typ.	Test Frequency (MHz)	SRF (MHz) typ.	DCR (Ω) max.	IDC (mA) max.
SWF1608LV-47N□	0.047	K	0.5V/7.9M	17	7.9	1700	0.075	1500
SWF1608LV-72N□	0.072	K	0.5V/7.9M	17	7.9	1700	0.12	1500
SWF1608LV-R10□	0.10	K	0.5V/7.9M	17	7.9	1500	0.12	1500
SWF1608LV-R12□	0.12	K	0.5V/7.9M	17	7.9	1350	0.15	1500
SWF1608LV-R15□	0.15	K	0.5V/7.9M	17	7.9	1350	0.15	1450
SWF1608LV-R18□	0.18	K	0.5V/7.9M	17	7.9	1150	0.15	1400
SWF1608LV-R33□	0.33	K	0.5V/7.9M	17	7.9	850	0.46	900
SWF1608LV-R39□	0.39	K	0.5V/7.9M	17	7.9	810	0.51	1100
SWF1608LV-R47□	0.47	K	0.5V/7.9M	17	7.9	720	0.62	1050
SWF1608LV-R56□	0.56	K	0.5V/7.9M	17	7.9	600	0.44	850
SWF1608LV-R68□	0.68	K	0.5V/7.9M	17	7.9	600	0.52	850
SWF1608LV-R82□	0.82	K	0.5V/7.9M	17	7.9	480	0.69	750
SWF1608LV-R91□	0.91	K	0.5V/7.9M	17	7.9	330	0.76	670
SWF1608LV-1R0□	1.00	K	0.5V/7.9M	17	7.9	310	0.81	600
SWF1608LV-1R2□	1.20	K	0.5V/7.9M	17	7.9	270	0.87	550

NOTE: □:TOLERANCE J=±5%, K=±10%



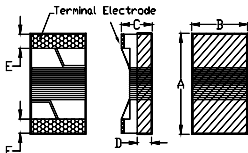
■ Specifications

Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q typ.	Test Frequency (MHz)	SRF (MHz) typ.	DCR (Ω) max.	IDC (mA) max.
SWF1608LV-1R5□	1.5	K	0.5V/7.9M	17	7.9	270	1.06	540
SWF1608LV-1R8□	1.8	K	0.5V/7.9M	17	7.9	230	1.10	520
SWF1608LV-2R2□	2.2	K	0.5V/7.9M	17	7.9	130	1.20	500
SWF1608LV-2R7□	2.7	K	0.5V/7.9M	17	7.9	105	1.50	480
SWF1608LV-3R3□	3.3	K	0.5V/7.9M	17	7.9	84	1.50	440
SWF1608LV-3R9□	3.9	K	0.5V/7.9M	17	7.9	80	1.60	430
SWF1608LV-4R7□	4.7	J,K	0.5V/7.9M	18	7.9	69	2.10	420
SWF1608LV-5R6□	5.6	J,K	0.5V/7.9M	18	7.9	65	2.60	350
SWF1608LV-6R8□	6.8	J,K	0.5V/7.9M	19	7.9	55	3.10	330
SWF1608LV-7R8□	7.8	J,K	0.5V/7.9M	17	7.9	47	3.50	320
SWF1608LV-8R2□	8.2	J,K	0.5V/7.9M	17	7.9	42	3.80	300
SWF1608LV-100□	10.0	J,K	0.5V/7.9M	19	7.9	40	4.80	270

NOTE: □:TOLERANCE J=±5%, K=±10%



■ Dimensions



Dimensions	
A	1.80 max
B	1.20 max
C	1.20 max
D	0.38 ref
E	0.35±0.10

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q min.	Test Frequency (MHz)	SRF (MHz) min.	DCR (Ω) max.	Rated Current (mA) max.
SWF1608CV-47N□	0.047	K,M	0.5V/7.96M	10	7.96	1500	0.075	1400
SWF1608CV-R10□	0.10	K,M	0.5V/7.96M	10	7.96	1150	0.13	1400
SWF1608CV-R12□	0.12	K,M	0.5V/7.96M	10	7.96	1100	0.15	1400
SWF1608CV-R15□	0.15	K,M	0.5V/7.96M	10	7.96	1050	0.15	1300
SWF1608CV-R18□	0.18	K,M	0.5V/7.96M	10	7.96	950	0.15	1300
SWF1608CV-R22□	0.22	K,M	0.5V/7.96M	10	7.96	800	0.15	950
SWF1608CV-R24□	0.24	K,M	0.5V/7.96M	10	7.96	800	0.31	620
SWF1608CV-R27□	0.27	K,M	0.5V/7.96M	10	7.96	775	0.20	710
SWF1608CV-R33□	0.33	K,M	0.5V/7.96M	10	7.96	725	0.35	620
SWF1608CV-R39□	0.39	K,M	0.5V/7.96M	10	7.96	620	0.39	600
SWF1608CV-R47□	0.47	K,M	0.5V/7.96M	10	7.96	540	0.43	570
SWF1608CV-R56□	0.56	K,M	0.5V/7.96M	10	7.96	525	0.47	550
SWF1608CV-R68□	0.68	K,M	0.5V/7.96M	10	7.96	460	0.52	470
SWF1608CV-R82□	0.82	K,M	0.5V/7.96M	10	7.96	410	0.69	400
SWF1608CV-1R0□	1.00	K,M	0.5V/7.96M	10	7.96	190	0.81	400
SWF1608CV-1R2□	1.20	K,M	0.5V/7.96M	10	7.96	160	0.87	370

NOTE: □:TOLERANCE K=±10%, M=±20%



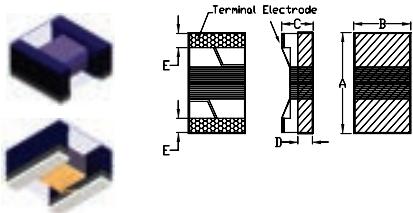
■ Specifications

Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q min.	Test Frequency (MHz)	SRF (MHz) min.	DCR (Ω) max.	Rated Current (mA) max.
SWF1608CV-1R5□	1.5	K,M	0.5V/7.96M	10	7.96	100	0.96	350
SWF1608CV-1R8□	1.8	K,M	0.5V/7.96M	10	7.96	80	1.10	350
SWF1608CV-2R2□	2.2	K,M	0.5V/7.96M	10	7.96	68	1.20	320
SWF1608CV-3R3□	3.3	K,M	0.5V/7.96M	10	7.96	42	1.50	280
SWF1608CV-3R9□	3.9	K,M	0.5V/7.96M	10	7.96	40	1.50	280
SWF1608CV-4R7□	4.7	K,M	0.5V/7.96M	10	7.96	34	2.10	260
SWF1608CV-5R6□	5.6	K,M	0.5V/7.96M	10	7.96	32	2.60	240
SWF1608CV-6R8□	6.8	K,M	0.5V/7.96M	10	7.96	31	3.10	200
SWF1608CV-8R2□	8.2	K,M	0.5V/7.96M	10	7.96	26	4.40	190
SWF1608CV-100□	10.0	K,M	0.5V/2.52M	10	2.52	25	4.80	180

NOTE: □:TOLERANCE K=±10%, M=±20%



■ Dimensions



Dimensions	
A	2.40 max
B	1.60 max
C	1.40 max
D	0.51 ref
E	0.44±0.10

Units: mm

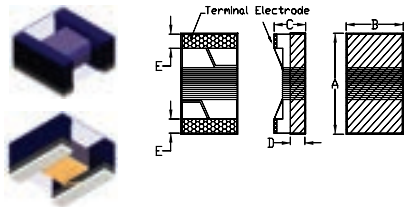
■ Specifications

Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q min.	Test Frequency (MHz)	SRF (MHz) min.	DCR (Ω) max.	Rated Current (mA) max.
SWF2012CV-R47□	0.47	K,M	0.5V/7.96M	10	7.96	720	0.20	750
SWF2012CV-R56□	0.56	K,M	0.5V/7.96M	10	7.96	665	0.21	730
SWF2012CV-R68□	0.68	K,M	0.5V/7.96M	10	7.96	565	0.28	670
SWF2012CV-R82□	0.82	K,M	0.5V/7.96M	10	7.96	545	0.31	650
SWF2012CV-1R0□	1.00	K,M	0.5V/7.96M	10	7.96	525	0.34	615
SWF2012CV-1R2□	1.20	K,M	0.5V/7.96M	10	7.96	473	0.39	550
SWF2012CV-1R5□	1.50	K,M	0.5V/7.96M	10	7.96	300	0.45	520
SWF2012CV-1R8□	1.80	K,M	0.5V/7.96M	10	7.96	230	0.48	500
SWF2012CV-2R2□	2.20	K,M	0.5V/7.96M	10	7.96	215	0.67	420
SWF2012CV-2R7□	2.70	K,M	0.5V/7.96M	10	7.96	140	0.74	410
SWF2012CV-3R3□	3.30	K,M	0.5V/7.96M	10	7.96	95	0.81	385
SWF2012CV-3R9□	3.90	K,M	0.5V/7.96M	10	7.96	57	0.88	372
SWF2012CV-4R7□	4.70	K,M	0.5V/7.96M	10	7.96	51	0.99	345
SWF2012CV-5R6□	5.60	K,M	0.5V/7.96M	10	7.96	44	1.06	335
SWF2012CV-6R8□	6.80	K,M	0.5V/7.96M	10	7.96	39	1.21	315
SWF2012CV-8R2□	8.20	K,M	0.5V/7.96M	10	7.96	33	1.33	295
SWF2012CV-100□	10.0	K,M	0.5V/2.52M	10	2.52	30	1.79	260
SWF2012CV-120□	12.0	K,M	0.5V/2.52M	10	2.52	27	1.98	250
SWF2012CV-150□	15.0	K,M	0.5V/2.52M	10	2.52	22	2.68	215
SWF2012CV-180□	18.0	K,M	0.5V/2.52M	10	2.52	20	3.12	195
SWF2012CV-220□	22.0	K,M	0.5V/2.52M	10	2.52	18	3.48	180
SWF2012CV-270□	27.0	K,M	0.5V/2.52M	10	2.52	16	3.84	170
SWF2012CV-330□	33.0	K,M	0.5V/2.52M	10	2.52	15	4.34	145

NOTE: □:TOLERANCE K=±10%, M=±20%



■ Dimensions



Dimensions	
A	2.90 max
B	2.50 max
C	2.10 max
D	1.20 ref
E	0.55±0.10

Units: mm

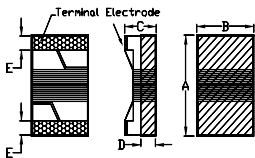
■ Specifications

Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q min.	Test Frequency (MHz)	SRF (MHz) min.	DCR (Ω) max.	Rated Current (mA) max.
SWF2520CV-1R0□	1.00	K,M	0.5V/7.96M	12	7.96	345	0.13	1000
SWF2520CV-1R5□	1.50	K,M	0.5V/7.96M	12	7.96	100	0.17	850
SWF2520CV-2R2□	2.20	K,M	0.5V/7.96M	12	7.96	78	0.21	775
SWF2520CV-3R3□	3.30	K,M	0.5V/7.96M	12	7.96	48	0.26	715
SWF2520CV-4R7□	4.70	K,M	0.5V/7.96M	12	7.96	46	0.52	505
SWF2520CV-6R8□	6.80	K,M	0.5V/7.96M	12	7.96	33	0.72	432
SWF2520CV-8R2□	8.20	K,M	0.5V/2.52M	12	2.52	30	0.76	410
SWF2520CV-100□	10.0	K,M	0.5V/2.52M	12	2.52	28	0.86	392
SWF2520CV-150□	15.0	K,M	0.5V/2.52M	12	2.52	21	1.09	342
SWF2520CV-220□	22.0	K,M	0.5V/2.52M	12	2.52	18	1.96	260
SWF2520CV-330□	33.0	K,M	0.5V/2.52M	12	2.52	15	2.47	236

NOTE: □:TOLERANCE K=±10%, M=±20%



■ Dimensions



Dimensions	
A	3.60 max
B	2.80 max
C	2.60 max
D	0.80 ref
E	0.55±0.10

Units: mm

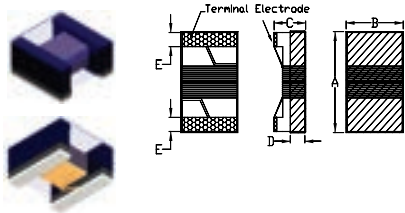
■ Specifications

Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q min.	Test Frequency (MHz)	SRF (MHz) min.	DCR (Ω) max.	Rated Current (mA) max.
SWF3225CV-1R0□	1.00	K,M	0.5V/7.96M	10	7.96	290	0.12	1200
SWF3225CV-1R5□	1.50	K,M	0.5V/7.96M	10	7.96	260	0.13	1000
SWF3225CV-2R2□	2.20	K,M	0.5V/7.96M	10	7.96	190	0.17	880
SWF3225CV-3R3□	3.30	K,M	0.5V/7.96M	10	7.96	64	0.22	775
SWF3225CV-4R7□	4.70	K,M	0.5V/7.96M	10	7.96	54	0.26	710
SWF3225CV-6R8□	6.80	K,M	0.5V/7.96M	10	7.96	34	0.30	660
SWF3225CV-100□	10.0	K,M	0.5V/2.52M	10	2.52	25	0.39	570
SWF3225CV-150□	15.0	K,M	0.5V/2.52M	10	2.52	17	0.66	440
SWF3225CV-220□	22.0	K,M	0.5V/2.52M	10	2.52	16	0.82	400
SWF3225CV-330□	33.0	K,M	0.5V/2.52M	10	2.52	12	1.50	285
SWF3225CV-390□	39.0	K,M	0.5V/2.52M	10	2.52	12	1.66	270
SWF3225CV-470□	47.0	K,M	0.5V/2.52M	10	2.52	10	1.90	260
SWF3225CV-680□	68.0	K,M	0.5V/2.52M	10	2.52	9.0	2.29	235
SWF3225CV-101□	100	K,M	0.5V/1M	10	1.00	7.0	3.48	190
SWF3225CV-151□	150	K,M	0.5V/1M	10	1.00	5.0	6.55	140
SWF3225CV-221□	220	K,M	0.5V/1M	10	1.00	4.0	8.23	115
SWF3225CV-331□	330	K,M	0.5V/1M	10	1.00	2.8	13.7	98
SWF3225CV-471□	470	K,M	0.5V/1M	10	1.00	2.6	18.1	86
SWF3225CV-681□	680	K,M	0.5V/1M	10	1.00	2.3	22.0	76

NOTE: □:TOLERANCE K=±10%, M=±20%



■ Dimensions



Dimensions	
A	1.60±0.20
B	1.00±0.20
C	1.00±0.10
D	0.60 ref
E	0.35±0.10

Units: mm

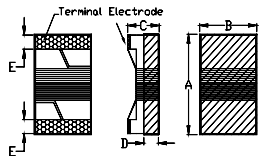
■ Specifications

Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q/MHz Typ.	SRF (MHz) Typ.	DCR (Ω) ±30%	Isat (mA) Typ.	Irms (mA) Typ.
SWF1608RIV-R10□	0.10	K,M	0.5V/7.9M	13/7.9	1150	0.063	1700	1400
SWF1608RIV-R15□	0.15	K,M	0.5V/7.9M	13/7.9	1050	0.074	1700	1300
SWF1608RIV-R27□	0.27	K,M	0.5V/7.9M	13/7.9	1000	0.12	1400	1100
SWF1608RIV-R33□	0.33	K,M	0.5V/7.9M	13/7.9	1100	0.13	1300	1000
SWF1608RIV-R47□	0.47	K,M	0.5V/7.9M	13/7.9	900	0.18	1100	900
SWF1608RIV-R56□	0.56	K,M	0.5V/7.9M	13/7.9	630	0.20	1100	800
SWF1608RIV-R68□	0.68	K,M	0.5V/7.9M	13/7.9	510	0.22	900	750
SWF1608RIV-1R0□	1.0	K,M	0.5V/7.9M	16/7.9	390	0.32	860	700
SWF1608RIV-1R5□	1.5	K,M	0.5V/7.9M	16/7.9	160	0.40	720	600
SWF1608RIV-2R2□	2.2	K,M	0.5V/7.9M	16/7.9	103	0.56	600	580
SWF1608RIV-3R3□	3.3	K,M	0.5V/7.9M	16/7.9	66	0.70	500	500
SWF1608RIV-4R7□	4.7	K,M	0.5V/7.9M	16/7.9	51	0.97	400	420
SWF1608RIV-5R6□	5.6	K,M	0.5V/7.9M	16/7.9	47	1.10	380	380
SWF1608RIV-6R8□	6.8	K,M	0.5V/7.9M	16/7.9	43	1.50	340	340
SWF1608RIV-8R2□	8.2	K,M	0.5V/7.9M	16/7.9	40	1.68	300	300
SWF1608RIV-100□	10	K,M	0.5V/2.5M	14/2.5	36	1.85	280	280
SWF1608RIV-150□	15	K,M	0.5V/2.5M	14/2.5	29	2.60	240	240
SWF1608RIV-180□	18	K,M	0.5V/2.5M	14/2.5	28	2.90	220	220
SWF1608RIV-220□	22	K,M	0.5V/2.5M	14/2.5	24	3.61	200	200

NOTE: □:TOLERANCE K=±10%, M=±20%



■ Dimensions



Dimensions	
A	2.20±0.20
B	1.40±0.20
C	1.30±0.10
D	0.65ref
E	0.50±0.10

Units: mm

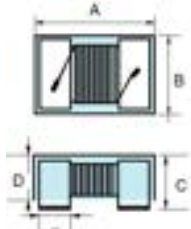
■ Specifications

Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q/MHz Typ.	SRF (MHz) Typ.	DCR (Ω) ±30%	IDC (mA) Typ.	Irms (mA) Typ.
SWF2012RIV-R10□	0.10	K,M	0.5V/7.9M	10/7.9	1600	0.06	1900	2000
SWF2012RIV-R22□	0.22	K,M	0.5V/7.9M	13/7.9	1550	0.08	1600	1700
SWF2012RIV-R33□	0.33	K,M	0.5V/7.9M	13/7.9	1150	0.09	1400	1500
SWF2012RIV-R47□	0.47	K,M	0.5V/7.9M	13/7.9	800	0.10	1300	1400
SWF2012RIV-R56□	0.56	K,M	0.5V/7.9M	13/7.9	750	0.13	1200	1300
SWF2012RIV-R68□	0.68	K,M	0.5V/7.9M	13/7.9	700	0.14	1100	1200
SWF2012RIV-R82□	0.82	K,M	0.5V/7.9M	13/7.9	350	0.15	1000	1100
SWF2012RIV-1R0□	1.00	K,M	0.5V/7.9M	14/7.9	208	0.13	1100	1300
SWF2012RIV-2R2□	2.20	K,M	0.5V/7.9M	13/7.9	87	0.22	740	1040
SWF2012RIV-3R3□	3.30	K,M	0.5V/7.9M	12/7.9	70	0.30	620	800
SWF2012RIV-4R7□	4.70	K,M	0.5V/7.9M	14/7.9	51	0.43	520	840
SWF2012RIV-6R8□	6.80	K,M	0.5V/7.9M	14/7.9	46	0.68	420	700
SWF2012RIV-8R2□	8.20	K,M	0.5V/7.9M	14/7.9	33	0.73	400	680
SWF2012RIV-100□	10.0	K,M	0.5V/2.5M	14/2.5	31	0.85	360	560
SWF2012RIV-150□	15.0	K,M	0.5V/2.5M	15/2.5	28	1.40	300	380
SWF2012RIV-220□	22.0	K,M	0.5V/2.5M	15/2.5	20	1.76	240	340

NOTE: □:TOLERANCE K=±10%, M=±20%



■ Dimensions



Dimensions	
A	2.50±0.30
B	2.00±0.30
C	1.80±0.10
D	1.50±0.10
E	0.45 ref

Units: mm

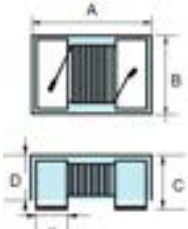
■ Specifications

Part Number	Inductance (uH)	Tolerance	L/Q Test Frequency (MHz)	Q Ref.	SRF (MHz) Ref.	DCR (Ω) ±30%	IDC1 (A) max.	IDC2 (A) max.
SNLU252018CV-1R0□	1.00	K,M	7.96	20	300	0.140	0.475	1.000
SNLU252018CV-1R5□	1.50	K,M	7.96	20	250	0.180	0.435	0.890
SNLU252018CV-2R2□	2.20	K,M	7.96	20	200	0.270	0.390	0.730
SNLU252018CV-3R3□	3.30	K,M	7.96	20	100	0.440	0.340	0.570
SNLU252018CV-4R7□	4.70	K,M	7.96	20	60	0.570	0.285	0.500
SNLU252018CV-6R8□	6.80	K,M	7.96	20	55	0.920	0.275	0.390
SNLU252018CV-100□	10.00	K,M	2.52	15	40	1.690	0.210	0.360
SNLU252018CV-150□	15.00	K,M	2.52	20	35	2.200	0.175	0.250
SNLU252018CV-220□	22.00	K,M	2.52	20	20	2.800	0.160	0.200
SNLU252018CV-330□	33.00	K,M	2.52	20	18	4.200	0.120	0.150

NOTE: □:TOLERANCE K=±10%, M=±20%



■ Dimensions



Dimensions	
A	3.20±0.30
B	2.50±0.30
C	2.20±0.20
D	1.80±0.10
E	0.55 ref

Units: mm

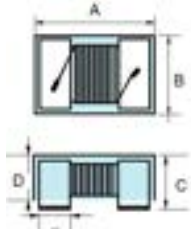
■ Specifications

Part Number	Inductance (uH)	Tolerance	L/Q Test Frequency (MHz)	Q Ref.	SRF (MHz) Ref.	DCR (Ω) ±20%	IDC1 (A) max.	IDC2 (A) max.
SNLU322522CV-1R0M	1.0	±20%	7.96	15	300	0.055	1.000	1.700
SNLU322522CV-1R5M	1.5	±20%	7.96	15	200	0.095	0.830	1.400
SNLU322522CV-2R2M	2.2	±20%	7.96	15	100	0.115	0.770	1.200
SNLU322522CV-3R3M	3.3	±20%	7.96	15	80	0.160	0.690	1.000
SNLU322522CV-4R7M	4.7	±20%	7.96	15	70	0.200	0.620	0.900
SNLU322522CV-6R8M	6.8	±20%	7.96	15	38	0.270	0.530	0.700
SNLU322522CV-100K	10	±10%	2.52	15	30	0.360	0.450	0.600
SNLU322522CV-150K	15	±10%	2.52	15	26	0.560	0.390	0.500
SNLU322522CV-220K	22	±10%	2.52	15	21	0.770	0.300	0.400
SNLU322522CV-330K	33	±10%	2.52	15	17	1.100	0.240	0.350
SNLU322522CV-470K	47	±10%	2.52	15	14	1.640	0.180	0.250
SNLU322522CV-680K	68	±10%	2.52	15	12	2.800	0.140	0.200
SNLU322522CV-101K	100	±10%	0.796	20	10	3.700	0.120	0.150
SNLU322522CV-151K	150	±10%	0.796	20	8	6.100	0.100	0.125
SNLU322522CV-221K	220	±10%	0.796	20	7	8.400	0.080	0.100
SNLU322522CV-331K	330	±10%	0.796	20	6	12.300	0.070	0.090

NOTE: □:TOLERANCE K=±10%, M=±20%



■ Dimensions



Dimensions	
A	4.50±0.30
B	3.20±0.30
C	3.20±0.20
D	2.50 ref
E	0.60 ref

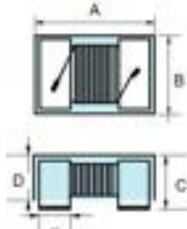
Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance	L/Q Test Frequency (MHz)	Q Ref.	SRF (MHz) Ref.	DCR (Ω) max.	IDC (A) max.
SNLU453232CV-1R0□	1.0	K	7.96	10	110	0.11	1.30
SNLU453232CV-2R2□	2.2	K	7.96	10	60	0.15	1.00
SNLU453232CV-3R3□	3.3	K	7.96	10	50	0.19	0.90
SNLU453232CV-4R7□	4.7	K	7.96	10	40	0.22	0.80
SNLU453232CV-5R6□	5.6	K	7.96	10	38	0.26	0.75
SNLU453232CV-6R8□	6.8	K	7.96	10	36	0.30	0.70
SNLU453232CV-8R2□	8.2	K	7.96	10	30	0.33	0.67
SNLU453232CV-100□	10	K	2.52	10	25	0.35	0.65
SNLU453232CV-150□	15	K	2.52	10	20	0.50	0.60
SNLU453232CV-220□	22	K	2.52	10	15	0.70	0.45
SNLU453232CV-330□	33	K	2.52	10	13	1.20	0.40
SNLU453232CV-470□	47	K	2.52	10	11	1.35	0.35
SNLU453232CV-560□	56	K	2.52	10	10	2.00	0.30
SNLU453232CV-680□	68	K	2.52	10	8	2.50	0.25
SNLU453232CV-820□	82	K	2.52	10	7	3.00	0.22
SNLU453232CV-101□	100	K	0.796	20	6.5	3.50	0.20
SNLU453232CV-151□	150	K	0.796	20	6.1	6.00	0.16
SNLU453232CV-221□	220	K	0.796	20	4.5	7.50	0.13
SNLU453232CV-331□	330	K	0.796	20	4.1	11.00	0.12
SNLU453232CV-471□	470	K	0.796	20	3.5	15.00	0.10
SNLU453232CV-561□	560	K	0.796	20	3.0	20.00	0.09
SNLU453232CV-681□	680	K	0.796	20	2.6	23.00	0.08
SNLU453232CV-821□	820	K	0.796	20	2.4	27.00	0.08
SNLU453232CV-102□	1000	K	0.252	20	2.3	30.00	0.07

NOTE: □:TOLERANCE K=±10%

■ Dimensions



Dimensions	
A	2.50±0.30
B	2.00±0.30
C	1.80±0.10
D	1.50±0.10
E	0.45 ref

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance	L/Q Test Frequency (MHz)	Q Ref.	SRF (MHz) Ref.	DCR (Ω) max.	IDC (A) max.
SNLU252018QV-10N□	0.010	J,K	100	15	2150	0.26	0.530
SNLU252018QV-12N□	0.012	J,K	100	15	2050	0.27	0.500
SNLU252018QV-15N□	0.015	J,K	100	15	2000	0.29	0.480
SNLU252018QV-18N□	0.018	J,K	100	15	1850	0.31	0.450
SNLU252018QV-22N□	0.022	J,K	100	15	1650	0.37	0.420
SNLU252018QV-27N□	0.027	J,K	100	15	1550	0.40	0.410
SNLU252018QV-33N□	0.033	J,K	100	20	1450	0.42	0.400
SNLU252018QV-39N□	0.039	J,K	100	20	1350	0.45	0.380
SNLU252018QV-47N□	0.047	J,K	100	20	1200	0.50	0.360
SNLU252018QV-56N□	0.056	J,K	100	20	1100	0.60	0.340
SNLU252018QV-68N□	0.068	J,K	100	20	1050	0.65	0.320
SNLU252018QV-82N□	0.082	J,K	100	20	900	0.75	0.300
SNLU252018QV-R10□	0.10	J,K	100	20	800	0.80	0.280
SNLU252018QV-R12□	0.12	J,K	25.2	30	700	0.30	0.550
SNLU252018QV-R22□	0.22	J,K	25.2	30	450	0.50	0.450
SNLU252018QV-R27□	0.27	J,K	25.2	30	425	0.55	0.425
SNLU252018QV-R33□	0.33	J,K	25.2	30	400	0.60	0.400
SNLU252018QV-R47□	0.47	J,K	25.2	30	350	0.68	0.400
SNLU252018QV-R56□	0.56	J,K	25.2	30	325	0.75	0.400
SNLU252018QV-R82□	0.82	J,K	25.2	30	260	1.00	0.300
SNLU252018QV-1R0□	1.00	J,K	7.96	30	245	1.10	0.245
SNLU252018QV-1R2□	1.20	J,K	7.96	30	230	1.20	0.230
SNLU252018QV-1R5□	1.50	J,K	7.96	30	182	1.30	0.220

NOTE: □: TOLERANCE J=±5%, K=±10%

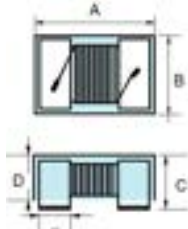


■ Specifications

Part Number	Inductance (uH)	Tolerance	L/Q Test Frequency (MHz)	Q Ref.	SRF (MHz) Ref.	DCR (Ω) max.	IDC (A) max.
SNLU252018QV-2R2□	2.20	J,K	7.96	30	105	1.55	0.200
SNLU252018QV-3R3□	3.30	J,K	7.96	30	55	1.90	0.185
SNLU252018QV-4R7□	4.70	J,K	7.96	30	43	2.30	0.175
SNLU252018QV-5R6□	5.60	J,K	7.96	25	42	2.50	0.170
SNLU252018QV-6R8□	6.80	J,K	7.96	25	39	2.70	0.165
SNLU252018QV-8R2□	8.20	J,K	7.96	25	36	3.05	0.160
SNLU252018QV-100□	10.0	J,K	2.52	25	33	3.50	0.155
SNLU252018QV-150□	15.0	J,K	2.52	25	26	4.80	0.140
SNLU252018QV-220□	22.0	J,K	2.52	25	22	5.50	0.125
SNLU252018QV-270□	27.0	J,K	2.52	25	21	6.30	0.115
SNLU252018QV-330□	33.0	J,K	2.52	25	20	7.10	0.110
SNLU252018QV-470□	47.0	J,K	2.52	20	17	11.10	0.080
SNLU252018QV-560□	56.0	J,K	2.52	20	16	12.10	0.075
SNLU252018QV-680□	68.0	J,K	2.52	20	15	16.60	0.070
SNLU252018QV-820□	82.0	J,K	2.52	20	13	19.00	0.066
SNLU252018QV-101□	100	J,K	0.796	15	12	21.00	0.060

NOTE: □:TOLERANCE J=±5%, K=±10%

■ Dimensions



Dimensions	
A	3.20±0.30
B	2.50±0.30
C	2.20±0.20
D	1.80±0.10
E	0.55 ref

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance	L/Q Test Frequency (MHz)	Q Ref.	SRF (MHz) Ref.	DCR (Ω) max.	IDC (A) max.
SNLU322522QV-10N□	0.010	J,K	100	15	2500	0.13	0.450
SNLU322522QV-12N□	0.012	J,K	100	17	2300	0.14	0.450
SNLU322522QV-15N□	0.015	J,K	100	19	2100	0.16	0.450
SNLU322522QV-18N□	0.018	J,K	100	21	1900	0.18	0.450
SNLU322522QV-22N□	0.022	J,K	100	23	1700	0.22	0.450
SNLU322522QV-27N□	0.027	J,K	100	23	1500	0.22	0.450
SNLU322522QV-33N□	0.033	J,K	100	25	1400	0.24	0.450
SNLU322522QV-39N□	0.039	J,K	100	25	1300	0.27	0.450
SNLU322522QV-47N□	0.047	J,K	100	26	1200	0.30	0.450
SNLU322522QV-56N□	0.056	J,K	100	26	1100	0.33	0.450
SNLU322522QV-68N□	0.068	J,K	100	27	1000	0.36	0.450
SNLU322522QV-82N□	0.082	J,K	100	28	900	0.40	0.450
SNLU322522QV-R10□	0.10	J,K	100	28	700	0.44	0.450
SNLU322522QV-R12□	0.12	J,K	25.2	30	500	0.22	0.450
SNLU322522QV-R15□	0.15	J,K	25.2	30	450	0.25	0.450
SNLU322522QV-R22□	0.22	J,K	25.2	30	350	0.32	0.450
SNLU322522QV-R27□	0.27	J,K	25.2	30	320	0.36	0.450
SNLU322522QV-R33□	0.33	J,K	25.2	30	300	0.40	0.450
SNLU322522QV-R47□	0.47	J,K	25.2	30	220	0.50	0.450
SNLU322522QV-R56□	0.56	J,K	25.2	30	180	0.55	0.450
SNLU322522QV-R68□	0.68	J,K	25.2	30	160	0.60	0.450
SNLU322522QV-R82□	0.82	J,K	25.2	30	140	0.65	0.450
SNLU322522QV-1R0□	1.00	J,K	7.96	30	120	0.70	0.400

NOTE: □: TOLERANCE J=±5%, K=±10%

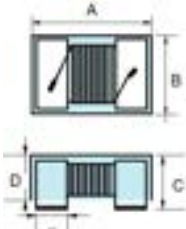
■ Specifications

Part Number	Inductance (uH)	Tolerance	L/Q Test Frequency (MHz)	Q Ref.	SRF (MHz) Ref.	DCR (Ω) max.	IDC (A) max.
SNLU322522QV-1R5□	1.5	J,K	7.96	30	85	0.85	0.370
SNLU322522QV-2R2□	2.2	J,K	7.96	30	75	1.0	0.320
SNLU322522QV-3R3□	3.3	J,K	7.96	30	60	1.2	0.260
SNLU322522QV-4R7□	4.7	J,K	7.96	30	50	1.5	0.220
SNLU322522QV-5R6□	5.6	J,K	7.96	30	45	1.6	0.200
SNLU322522QV-6R8□	6.8	J,K	7.96	30	40	1.8	0.180
SNLU322522QV-8R2□	8.2	J,K	7.96	30	30	2.0	0.170
SNLU322522QV-100□	10	J,K	2.52	25	30	2.1	0.150
SNLU322522QV-220□	22	J,K	2.52	25	20	3.7	0.110
SNLU322522QV-330□	33	J,K	2.52	25	17	5.6	0.070
SNLU322522QV-470□	47	J,K	2.52	25	15	7.0	0.060
SNLU322522QV-680□	68	J,K	2.52	25	12	9.0	0.050
SNLU322522QV-820□	82	J,K	2.52	25	11	10.0	0.045
SNLU322522QV-101□	100	J,K	0.796	20	10	10.0	0.040
SNLU322522QV-121□	120	J,K	0.796	20	10	11.0	0.040
SNLU322522QV-151□	150	J,K	0.796	20	10	11.0	0.065
SNLU322522QV-181□	180	J,K	0.796	20	7	17.0	0.060
SNLU322522QV-221□	220	J,K	0.796	20	7	21.0	0.050
SNLU322522QV-271□	270	J,K	0.796	20	6	28.0	0.045
SNLU322522QV-331□	330	J,K	0.796	20	5	34.0	0.040
SNLU322522QV-391□	390	J,K	0.796	20	5	38.0	0.035
SNLU322522QV-471□	470	J,K	0.796	20	4	40.0	0.025

NOTE: □:TOLERANCE J=±5%, K=±10%



■ Dimensions



Dimensions	
A	4.50±0.30
B	3.20±0.30
C	3.20±0.20
D	2.50 ref
E	0.60 ref

Units: mm

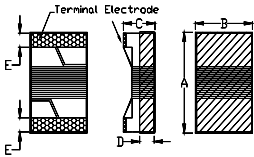
■ Specifications

Part Number	Inductance (uH)	Tolerance	Test Frequency (MHz)	Q Typ.	Test Frequency (MHz)	SRF (MHz) min.	DCR (Ω) max.	IDC (A) max.
SNLU453232QV-1R0□	1.0	K	1	40	7.96	200	0.28	0.600
SNLU453232QV-2R2□	2.2	K	1	40	7.96	90	0.43	0.480
SNLU453232QV-3R3□	3.3	K	1	40	7.96	60	0.55	0.430
SNLU453232QV-4R7□	4.7	K	1	40	7.96	40	0.65	0.390
SNLU453232QV-6R8□	6.8	K	1	40	7.96	35	0.78	0.360
SNLU453232QV-8R2□	8.2	K	1	40	7.96	30	0.92	0.330
SNLU453232QV-100□	10	K	1	40	7.96	28	0.98	0.320
SNLU453232QV-150□	15	K	0.1	30	2.52	21	1.25	0.280
SNLU453232QV-220□	22	K	0.1	30	2.52	16	1.45	0.260
SNLU453232QV-330□	33	J,K	0.1	30	2.52	13	1.85	0.230
SNLU453232QV-470□	47	J,K	0.1	30	2.52	12	2.30	0.210
SNLU453232QV-560□	56	J,K	0.1	30	2.52	11	2.50	0.200
SNLU453232QV-680□	68	J,K	0.1	30	2.52	10	2.80	0.190
SNLU453232QV-820□	82	J,K	0.1	30	2.52	9	3.20	0.175
SNLU453232QV-101□	100	J,K	0.1	30	0.796	8	4.70	0.145
SNLU453232QV-151□	150	J,K	0.1	30	0.796	8	6.10	0.130
SNLU453232QV-221□	220	J,K	0.1	30	0.796	6	7.50	0.115
SNLU453232QV-331□	330	J,K	0.1	30	0.796	4.5	14.10	0.085
SNLU453232QV-471□	470	J,K	0.1	30	0.796	4.0	17.50	0.075
SNLU453232QV-561□	560	J,K	0.1	30	0.796	3.5	23.00	0.070
SNLU453232QV-681□	680	J,K	0.1	30	0.796	3.3	25.00	0.065
SNLU453232QV-821□	820	J,K	0.1	30	0.796	3.0	28.00	0.060
SNLU453232QV-102□	1000	J,K	0.1	30	0.796	2.8	32.00	0.055

NOTE: □: TOLERANCE J=±5%, K=±10%



■ Dimensions



Dimensions	
A	1.80 max
B	1.20 max
C	1.20 max
D	0.38 ref
E	0.35±0.10

Units: mm

■ Specifications

Part Number	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q @ 250MHz min.	Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
SWI0603V-2N0□	2.0	C,S	0.1V/250M	13	700	0.07	8000
SWI0603V-3N9□	3.9	C,S	0.1V/250M	22	700	0.07	6900
SWI0603V-4N7□	4.7	C,J,K	0.1V/250M	20	700	0.12	5800
SWI0603V-6N8□	6.8	C,J,K	0.1V/250M	27	700	0.08	5800
SWI0603V-8N2□	8.2	C,J,K	0.1V/250M	30	700	0.13	4200
SWI0603V-10N□	10	J,K	0.1V/250M	31	700	0.13	4800
SWI0603V-12N□	12	J,K	0.1V/250M	35	700	0.13	4000
SWI0603V-15N□	15	J,K	0.1V/250M	35	700	0.13	4000
SWI0603V-18N□	18	J,K	0.1V/250M	35	700	0.16	3100
SWI0603V-22N□	22	J,K	0.1V/250M	38	700	0.23	3000
SWI0603V-24N□	24	J,K	0.1V/250M	38	700	0.13	2800
SWI0603V-27N□	27	J,K	0.1V/250M	40	600	0.14	2800
SWI0603V-33N□	33	J,K	0.1V/250M	40	600	0.22	2300
SWI0603V-39N□	39	J,K	0.1V/250M	40	600	0.30	2200
SWI0603V-47N□	47	J,K	0.1V/200M	38	600	0.35	2000
SWI0603V-56N□	56	J,K	0.1V/200M	38	600	0.37	1900
SWI0603V-68N□	68	J,K	0.1V/200M	37	600	0.43	1700
SWI0603V-72N□	72	J,K	0.1V/150M	34	400	0.42	1700
SWI0603V-82N□	82	J,K	0.1V/150M	34	400	0.71	1700

NOTE: □:TOLERANCE C±0.2nH,S=±0.3nH , J=±5%, K=±10%



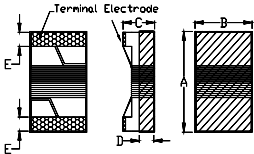
■ Specifications

Part Number	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q @ 250MHz Min.	Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
SWI0603V-R10□	100	J,K	0.1V/150M	34	400	0.78	1400
SWI0603V-R12□	120	J,K	0.1V/150M	32	300	0.84	1300
SWI0603V-R15□	150	J,K	0.1V/150M	28	280	0.96	990
SWI0603V-R18□	180	J,K	0.1V/100M	25	240	1.52	990
SWI0603V-R22□	220	J,K	0.1V/100M	25	200	2.02	900
SWI0603V-R27□	270	J,K	0.1V/100M	24	170	2.36	900
SWI0603V-R33□	330	J,K	0.1V/100M	24	185	3.40	700
SWI0603V-R39□	390	J,K	0.1V/100M	24	100	3.60	900

NOTE: □:TOLERANCE C±0.2nH,S=±0.3nH , J=±5%, K=±10%



■ Dimensions



Dimensions	
A	2.29 max.
B	1.73 max.
C	1.52 max.
D	0.51 ref
E	0.44±0.10

Units: mm

■ Specifications

Part Number	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q @ Test Freq min.	Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
SWI0805UV-2N8□	2.8	C,S	0.1V/250M	80/1500	800	0.06	7900
SWI0805UV-3N0□	3.0	C,S	0.1V/250M	65/1500	800	0.06	7900
SWI0805UV-3N3□	3.3	C,S	0.1V/250M	50/1500	600	0.08	7900
SWI0805UV-5N6□	5.6	C,S	0.1V/250M	65/1000	600	0.08	5500
SWI0805UV-6N8□	6.8	C,J	0.1V/250M	50/1000	600	0.11	5500
SWI0805UV-7N5□	7.5	C,J	0.1V/250M	50/1000	600	0.14	4500
SWI0805UV-8N2□	8.2	C,J	0.1V/250M	50/1000	600	0.12	4700
SWI0805UV-10N□	10	G,J	0.1V/250M	60/500	600	0.10	4200
SWI0805UV-12N□	12	G,J	0.1V/250M	50/500	600	0.15	4000
SWI0805UV-15N□	15	G,J	0.1V/250M	50/500	600	0.17	3400
SWI0805UV-18N□	18	G,J	0.1V/250M	50/500	600	0.20	3300
SWI0805UV-22N□	22	G,J	0.1V/250M	55/500	500	0.22	2600
SWI0805UV-24N□	24	G,J	0.1V/250M	50/500	500	0.22	2000
SWI0805UV-27N□	27	G,J	0.1V/250M	55/500	500	0.25	2500
SWI0805UV-33N□	33	G,J	0.1V/250M	60/500	500	0.27	2050
SWI0805UV-36N□	36	G,J	0.1V/250M	55/500	500	0.27	1700
SWI0805UV-39N□	39	G,J	0.1V/250M	60/500	500	0.29	2000
SWI0805UV-43N□	43	G,J	0.1V/200M	60/500	500	0.34	1650
SWI0805UV-47N□	47	G,J	0.1V/200M	60/500	500	0.31	1650

NOTE: □:TOLERANCE C=±0.2nH , S=±0.3nH, J=±5% ,K=±10%

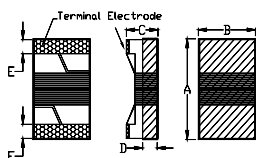


■ Specifications

Part Number	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q @ Test Freq min.	Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
SWI0805UV-56N□	56	G,J	0.1V/200M	60/500	500	0.34	1550
SWI0805UV-68N□	68	G,J	0.1V/200M	60/500	500	0.38	1450
SWI0805UV-82N□	82	G,J	0.1V/150M	65/500	400	0.42	1300
SWI0805UV-91N□	91	G,J	0.1V/150M	65/500	400	0.48	1200
SWI0805UV-R10□	100	G,J	0.1V/150M	65/500	400	0.46	1200
SWI0805UV-R11□	110	G,J	0.1V/150M	50/250	400	0.48	1000
SWI0805UV-R12□	120	G,J	0.1V/150M	50/250	400	0.51	1100
SWI0805UV-R15□	150	G,J	0.1V/100M	50/250	400	0.56	920
SWI0805UV-R18□	180	G,J	0.1V/100M	50/250	400	0.64	870
SWI0805UV-R20□	200	G,J	0.1V/100M	50/250	400	0.68	860
SWI0805UV-R22□	220	G,J	0.1V/100M	50/250	400	0.70	850
SWI0805UV-R24□	240	G,J	0.1V/100M	44/250	350	1.00	690
SWI0805UV-R25□	250	G,J	0.1V/100M	45/250	350	1.20	660
SWI0805UV-R27□	270	G,J	0.1V/100M	48/250	350	1.00	650
SWI0805UV-R33□	330	G,J	0.1V/100M	48/250	310	1.40	600
SWI0805UV-R39□	390	G,J	0.1V/100M	48/250	290	1.50	560
SWI0805UV-R47□	470	G,J	0.1V/50M	33/100	250	1.70	375
SWI0805UV-R56□	560	G,J	0.1V/25M	23/50	230	1.90	340
SWI0805UV-R62□	620	G,J	0.1V/25M	23/50	210	2.20	220
SWI0805UV-R68□	680	G,J	0.1V/25M	23/50	190	2.20	188
SWI0805UV-R82□	820	G,J	0.1V/25M	23/50	180	2.35	215
SWI0805UV-1R0□	1000	G,J	0.1V/25M	20/50	170	2.50	100
SWI0805UV-1R2□	1200	G,J	0.1V/7.9M	18/25	170	2.50	100

NOTE: □:TOLERANCE C=±0.2nH , S=±0.3nH, J=±5% ,K=±10%

■ Dimensions



Dimensions	
A	2.92 max
B	2.79 max
C	2.20 max
D	1.20 ref
E	0.55±0.10

Units: mm

■ Specifications

Part Number	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q @ Test Freq min.	Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
SWI1008UV-10N□	10	G, J, K	0.1V/50M	50/500	1000	0.08	4100
SWI1008UV-12N□	12	G, J, K	0.1V/50M	50/500	1000	0.09	3300
SWI1008UV-15N□	15	G, J, K	0.1V/50M	50/500	1000	0.18	2500
SWI1008UV-18N□	18	G, J, K	0.1V/50M	50/350	1000	0.11	2500
SWI1008UV-22N□	22	G, J, K	0.1V/50M	55/350	1000	0.12	2400
SWI1008UV-27N□	27	G, J, K	0.1V/50M	55/350	1000	0.13	1600
SWI1008UV-33N□	33	G, J, K	0.1V/50M	60/350	1000	0.14	1600
SWI1008UV-39N□	39	G, J, K	0.1V/50M	60/350	1000	0.15	1500
SWI1008UV-47N□	47	G, J, K	0.1V/50M	65/350	1000	0.16	1500
SWI1008UV-56N□	56	G, J, K	0.1V/50M	65/350	1000	0.18	1300
SWI1008UV-68N□	68	G, J, K	0.1V/50M	65/350	1000	0.20	1300
SWI1008UV-82N□	82	G, J, K	0.1V/50M	60/350	1000	0.22	1000
SWI1008UV-R10□	100	G, J, K	0.1V/25M	60/350	650	0.56	1000
SWI1008UV-R12□	120	G, J, K	0.1V/25M	60/350	650	0.63	950
SWI1008UV-R15□	150	G, J, K	0.1V/25M	45/100	580	0.70	850
SWI1008UV-R18□	180	G, J, K	0.1V/25M	45/100	620	0.77	750
SWI1008UV-R22□	220	G, J, K	0.1V/25M	45/100	500	0.84	700
SWI1008UV-R27□	270	G, J, K	0.1V/25M	45/100	500	0.91	600
SWI1008UV-R33□	330	G, J, K	0.1V/25M	45/100	450	1.05	570

NOTE: □: TOLERANCE G=±2%, J=±5%, K=±10%



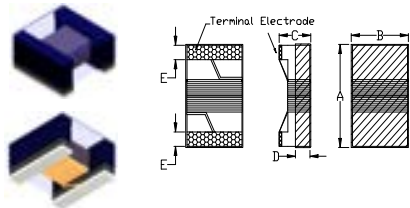
Specifications

Part Number	Inductance (nH)	Tolerance	Test Frequency (Hz)	Q @ Test Freq min.	Rated Current (mA) max.	DCR (Ω) max.	SRF (MHz) min.
SWI1008UV-R39□	390	G, J,K	0.1V/25M	45/100	470	1.12	500
SWI1008UV-R47□	470	G, J,K	0.1V/25M	45/100	470	1.19	450
SWI1008UV-R56□	560	G, J,K	0.1V/25M	45/100	400	1.33	415
SWI1008UV-R62□	620	G, J,K	0.1V/25M	45/100	300	1.40	375
SWI1008UV-R68□	680	G, J,K	0.1V/25M	45/100	400	1.47	375
SWI1008UV-R75□	750	G, J,K	0.1V/25M	45/100	360	1.54	360
SWI1008UV-R82□	820	G, J,K	0.1V/25M	45/100	400	1.61	350
SWI1008UV-R91□	910	G, J,K	0.1V/25M	35/50	380	1.68	320
SWI1008UV-1R0□	1000	G, J,K	0.1V/25M	35/50	370	1.75	290
SWI1008UV-1R2□	1200	G, J,K	0.1V/7.9M	35/50	310	2.00	250
SWI1008UV-1R5□	1500	G, J,K	0.1V/7.9M	28/50	330	2.23	200
SWI1008UV-1R8□	1800	G, J,K	0.1V/7.9M	28/50	300	2.60	160
SWI1008UV-2R2□	2200	G, J,K	0.1V/7.9M	28/50	280	2.80	160
SWI1008UV-2R7□	2700	G, J,K	0.1V/7.9M	22/25	290	3.20	140
SWI1008UV-3R3□	3300	G, J,K	0.1V/7.9M	22/25	290	3.40	110
SWI1008UV-3R9□	3900	G, J,K	0.1V/7.9M	20/25	260	3.60	100
SWI1008UV-4R7□	4700	G, J,K	0.1V/7.9M	18/7.9	200	4.00	32
SWI1008UV-5R6□	5600	G, J,K	0.1V/7.9M	18/7.9	200	4.00	25
SWI1008UV-6R8□	6800	G, J,K	0.1V/7.9M	18/7.9	200	4.90	21
SWI1008UV-8R2□	8200	G, J,K	0.1V/7.9M	16/7.9	170	6.00	16
SWI1008UV-100□	10000	G, J,K	0.1V/2.52M	15/7.9	170	8.00	14

NOTE: □:TOLERANCE G=±2%, J=±5%, K=±10%



■ Dimensions



Dimensions	
A	3.60 max
B	2.80 max
C	2.60 max
D	0.80 ref
E	0.55±0.10

Units: mm

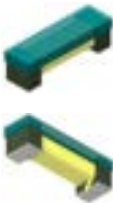
■ Specifications

Part Number	Inductance (uH)	Tolerance	Test Frequency (Hz)	Q min.	Test Frequency (KHz)	SRF (MHz) min.	DCR (Ω) max.	IDC (mA) max.
PAS3225V-151□	150	J,K,M	0.1V/125K	15	125	4.0	6.55	200
PAS3225V-201□	200	J,K,M	0.1V/125K	15	125	3.5	8.23	180
PAS3225V-301□	300	J,K,M	0.1V/125K	15	125	3.0	9.35	170
PAS3225V-351□	350	J,K,M	0.1V/125K	15	125	2.8	10.13	150
PAS3225V-551□	550	J,K,M	0.1V/125K	15	125	2.5	15.00	100
PAS3225V-681□	680	J,K,M	0.1V/125K	15	125	2.5	22.00	100
PAS3225V-801□	800	J,K,M	0.1V/125K	15	125	2.5	33.00	100
PAS3225V-102□	1080	J,K,M	0.1V/125K	15	125	1.5	35.00	50
PAS3225V-132□	1340	J,K,M	0.1V/125K	15	125	1.5	42.00	50

NOTE: □:TOLERANCE J=±5%,K=±10%, M=±20%



■ Dimensions



Dimensions	
A	4.75±0.20
A'	4.40±0.20
B	2.25±0.20
B'	2.00±0.20
C	1.80±0.30
C'	1.80±0.20
D	0.80 ref

Units: mm

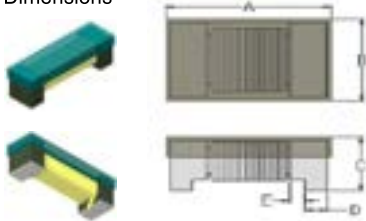
■ Specifications

Part Number	Inductance (uH)	Tolerance	fL0 (kHz)	SRF MHz(min)	RDC (Ω)Max.	Rated current (mA) max.
PAS4420V-301□-F10	300	K,M	10	2.0	14	70
PAS4420V-401□-F10	400	K,M	10	1.5	17	50
PAS4420V-252□-F10	2500	K,M	10	1.0	82	40
PAS4420V-352□-F10	3500	K,M	10	1.0	85	20

NOTE: □:TOLERANCE K=±10%, M=±20%



■ Dimensions



Dimensions	
A	6.40±0.30
B	2.30±0.20
C	1.80±0.20
D	0.90 ref
E	0.50 ref

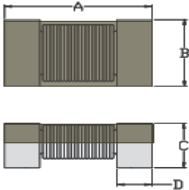
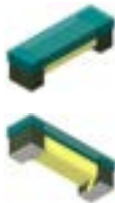
Units: mm

■ Specifications

Part Number	Inductance (uH)	fL0 (kHz)	SRF KHz(min)	RDC (Ω)Max.	Rated current (mA)Max.
PAS6420V-522J	5200±5%	125	520	113	30
PAS6420V-622J	6200±5%	125	488	123	30
PAS6420V-702J	7000±5%	125	420	125	20
PAS6420V-722K	7200±10%	125	450	130	15



■ Dimensions



Dimensions	
A	7.85max
B	2.70max
C	2.70max
D	1.15 ref

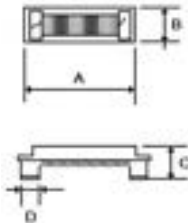
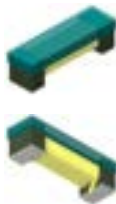
Units: mm

■ Specifications

Part Number	Inductance (mH) ±5%	Test Frequency (Hz)	Q Typ.	RDC (Ω)Max.	Rated current (mA)Max.
PAS8027V-452J	4.5	125K	30	80	20
PAS8027V-492J	4.9	125K	30	85	20
PAS8027V-722J	7.2	125K	35	105	20
PAS8027V-193J	18.52	125K	35	240	20



■ Dimensions



Dimensions	
A	11.60±0.30
B	3.80±0.30
C	2.50±0.30
D	1.50 ref

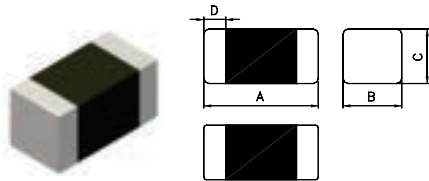
Units: mm

■ Specifications

Part Number	Inductance (uH)	Test Frequency (Hz)	Q min.	RDC (Ω)max.	Rated current (mA) max.	SRF (MHz) min.
PAS1225V-101K	100±10%	0.1V/125K	20	3	300	20.00
PAS1225V-201K	200±10%	0.1V/125K	20	6	200	2.00
PAS1225V-492J	4900±5%	0.1V/125K	20	50	50	0.34
PAS1225V-722J	7200±5%	0.1V/125K	40	40	50	0.30



■ Dimensions



Dimensions	
A	1.60±0.15
B	0.80±0.15
C	0.95 max
D	0.30±0.20

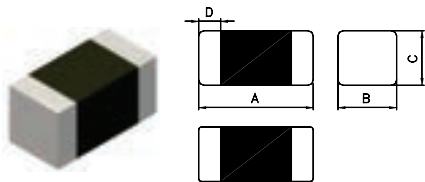
Units: mm

■ Specifications

Part Number	Inductance (uH)	Test Frequency (Hz)	Rated Current (mA) max.	DC Resistance(Ω)	
				max.	typ.
CPI160809UV-R33M-0A3	0.33±20%	1M / 60mV	350	0.35	0.27
CPI160809UV-R50M-0A9	0.50±20%	1M / 60mV	900	0.15	0.12
CPI160809UV-1R0M-0A7	1.00±20%	1M / 60mV	750	0.20	0.17
CPI160809UV-2R2M-0A6	2.20±20%	1M / 60mV	650	0.30	0.27



■ Dimensions



Dimensions	
A	2.00±0.20
B	1.25±0.20
C	1.00 max
D	0.50±0.30

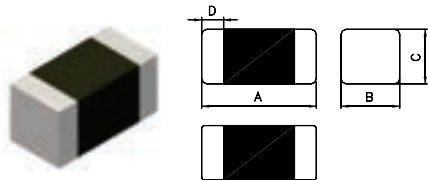
Units: mm

■ Specifications

Part Number	Inductance (μ H)	Test Frequency (Hz)	Rated Current (mA) max.	DC Resistance(Ω)	
				max.	typ.
CPI201210UV-R47M-1A2	0.47±20%	1M / 60mV	1200	0.08	0.06
CPI201210UV-1R0M-1A0	1.00±20%	1M / 60mV	1000	0.14	0.11
CPI201210UV-1R5M-0A8	1.50±20%	1M / 60mV	800	0.20	0.15
CPI201210UV-2R2M-0A8	2.20±20%	1M / 60mV	800	0.20	0.15
CPI201210UV-3R3M-0A7	3.30±20%	1M / 60mV	700	0.24	0.20
CPI201210UV-4R7M-0A7	4.70±20%	1M / 60mV	700	0.28	0.23



■ Dimensions



Dimensions	
A	2.00±0.20
B	1.60±0.20
C	1.00 max
D	0.50±0.30

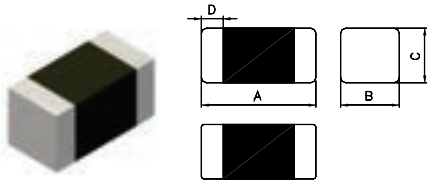
Units: mm

■ Specifications

Part Number	Inductance (uH)	Test Frequency (Hz)	Rated Current (mA) max.	DC Resistance(Ω)	
				max.	typ.
CPI201610UV-R47M-1A6	0.47±20%	1M / 60mV	1600	0.075	0.06
CPI201610UV-1R0M-1A3	1.00±20%	1M / 60mV	1300	0.12	0.09
CPI201610UV-1R5M-1A2	1.50±20%	1M / 60mV	1200	0.13	0.10
CPI201610UV-2R2M-1A2	2.20±20%	1M / 60mV	1200	0.14	0.11
CPI201610UV-3R3M-1A1	3.30±20%	1M / 60mV	1100	0.16	0.13
CPI201610UV-4R7M-0A9	4.70±20%	1M / 60mV	900	0.20	0.16



■ Dimensions



Dimensions	
A	1.60±0.15
B	0.80±0.15
C	0.95 max
D	0.30±0.20

Units: mm

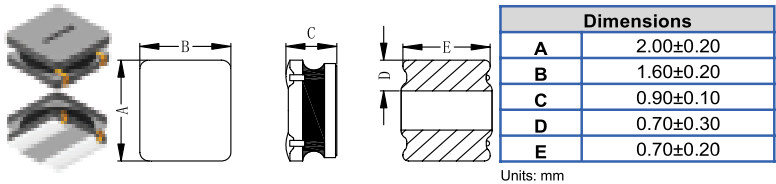
■ Specifications

Part Number	Inductance (uH)	Test Frequency (Hz)	Rated Current (mA) max.	DCR (Ω) max.
FCH160808SV-1R0M	1.0±20%	1M/60mV	1700	0.08
FCH160808SV-2R2M	2.2±20%	1M/60mV	1300	0.13
FCH160808SV-4R7M	4.7±20%	1M/60mV	1000	0.20

Irms:DC current that causes temperature rise(ΔT 40℃) from 25℃ ambient.



■ Dimensions



■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
AHP201610BMV-R47M	0.47	±20	1V/1M	42.0	50.4	6.80	6.20	4.00	3.50
AHP201610BMV-R68M	0.68	±20	1V/1M	52.0	62.4	5.60	5.00	3.20	2.80
AHP201610BMV-1R0M	1.00	±20	1V/1M	75.0	90.0	4.50	4.00	2.90	2.60
AHP201610BMV-1R5M	1.50	±20	1V/1M	120	144	3.80	3.40	2.20	1.90
AHP201610BMV-2R2M	2.20	±20	1V/1M	160	196	3.20	2.80	2.00	1.70
AHP201610BMV-3R3M	3.30	±20	1V/1M	240	288	2.40	2.20	1.60	1.40
AHP201610BMV-4R7M	4.70	±20	1V/1M	362	435	1.90	1.70	1.30	1.10
AHP201610BMV-100M	10.0	±20	1V/1M	800	960	1.30	1.10	0.90	0.70

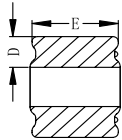
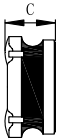
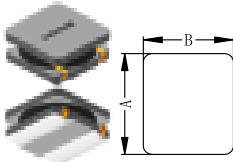
Note:

1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.

2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	2.00±0.20
B	1.60±0.20
C	1.00±0.20
D	0.70±0.30
E	0.70±0.20

Units: mm

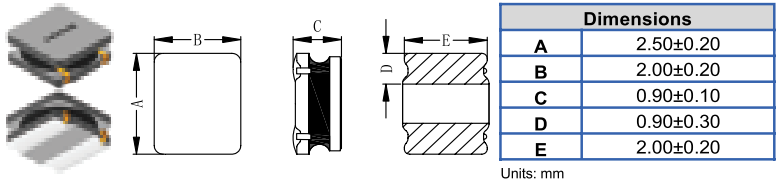
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
AHP201612BMV-R47M	0.47	±20	1V/1M	34.0	40.8	7.20	6.80	4.30	4.00
AHP201612BMV-R68M	0.68	±20	1V/1M	43.0	51.6	6.00	5.40	3.60	3.30
AHP201612BMV-1R0M	1.00	±20	1V/1M	53.0	63.6	4.70	4.20	3.20	3.00
AHP201612BMV-1R5M	1.50	±20	1V/1M	78.0	94.0	4.00	3.50	2.70	2.40
AHP201612BMV-2R2M	2.20	±20	1V/1M	110	132	3.40	3.00	2.40	2.10
AHP201612BMV-3R3M	3.30	±20	1V/1M	180	216	2.60	2.40	1.90	1.70
AHP201612BMV-4R7M	4.70	±20	1V/1M	280	336	2.10	1.90	1.50	1.30

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



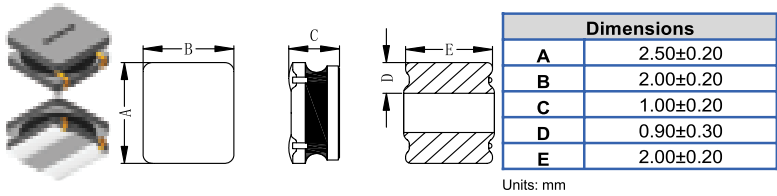
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
AHP252010BMV-R24M	0.24	±20	1V/1M	23.0	27.6	9.50	8.50	5.60	5.10
AHP252010BMV-R33M	0.33	±20	1V/1M	29.0	34.8	8.40	7.60	5.30	4.80
AHP252010BMV-R47M	0.47	±20	1V/1M	32.0	38.4	7.00	6.30	4.60	4.20
AHP252010BMV-R68M	0.68	±20	1V/1M	46.0	55.2	6.00	5.40	4.00	3.60
AHP252010BMV-1R0M	1.00	±20	1V/1M	66.0	79.2	5.00	4.50	3.40	3.10
AHP252010BMV-1R5M	1.50	±20	1V/1M	85.0	102	3.80	3.50	2.90	2.50
AHP252010BMV-2R2M	2.20	±20	1V/1M	125	150	3.00	2.50	2.50	2.20
AHP252010BMV-3R3M	3.30	±20	1V/1M	195	234	2.50	2.10	2.00	1.80
AHP252010BMV-4R7M	4.70	±20	1V/1M	260	312	2.20	1.90	1.70	1.50

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2..Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



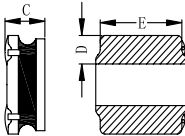
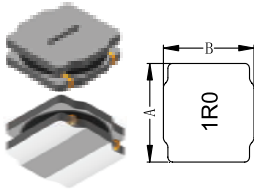
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
AHP25012BMV-R24M	0.24	±20	1V/1M	18.0	21.6	10.00	9.00	6.30	5.80
AHP25012BMV-R33M	0.33	±20	1V/1M	24.0	28.8	8.70	8.00	5.60	5.10
AHP25012BMV-R47M	0.47	±20	1V/1M	30.0	36.0	7.30	6.60	5.00	4.60
AHP25012BMV-R68M	0.68	±20	1V/1M	36.5	44.0	6.20	5.50	4.60	4.20
AHP25012BMV-1R0M	1.00	±20	1V/1M	48.0	58.0	5.40	4.80	4.00	3.70
AHP25012BMV-1R5M	1.50	±20	1V/1M	65.0	78.0	4.00	3.60	3.30	2.90
AHP25012BMV-2R2M	2.20	±20	1V/1M	92.0	110	3.10	2.60	2.90	2.60
AHP25012BMV-3R3M	3.30	±20	1V/1M	130	156	2.60	2.20	2.50	2.20
AHP25012BMV-4R7M	4.70	±20	1V/1M	200	240	2.30	2.00	1.90	1.70
AHP25012BMV-6R8M	6.80	±20	1V/1M	300	360	1.80	1.60	1.60	1.40
AHP25012BMV-100M	10.0	±20	1V/1M	450	540	1.40	1.20	1.20	1.10

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	3.00±0.20
B	3.00±0.20
C	1.00±0.20
D	0.90±0.30
E	2.70±0.30

Units: mm

■ Specifications

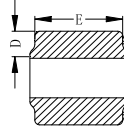
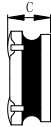
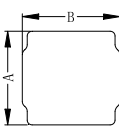
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
AHP3012BMV-R30M	0.30	±20	1V/1M	22.0	26.4	11.5	10.5	6.40	5.50
AHP3012BMV-R33M	0.33	±20	1V/1M	22.0	26.4	11.0	10.0	6.40	5.50
AHP3012BMV-R47M	0.47	±20	1V/1M	30.0	36.0	9.50	8.50	5.50	4.70
AHP3012BMV-1R0M	1.00	±20	1V/1M	43.0	51.6	7.20	6.70	4.20	3.70
AHP3012BMV-1R5M	1.50	±20	1V/1M	62.0	74.0	6.30	5.70	3.60	3.30
AHP3012BMV-2R2M	2.20	±20	1V/1M	92.0	112	5.50	5.00	3.00	2.70
AHP3012BMV-3R3M	3.30	±20	1V/1M	144	173	4.50	4.00	2.50	2.20
AHP3012BMV-4R7M	4.70	±20	1V/1M	195	234	3.70	3.30	2.00	1.80

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2..Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	3.00±0.20
B	3.00±0.20
C	1.30±0.20
D	0.90±0.30
E	2.70±0.30

Units: mm

■ Specifications

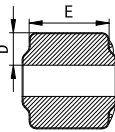
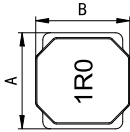
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
AHP3015BMV-R47M	0.47	±20	1V/1M	25	30	12.00	10.00	5.80	5.10
AHP3015BMV-R68M	0.68	±20	1V/1M	32	38.4	10.00	9.00	5.20	4.70
AHP3015BMV-1R0M	1.00	±20	1V/1M	42	50.4	8.70	7.80	4.60	4.00
AHP3015BMV-1R5M	1.50	±20	1V/1M	55	66	7.50	6.90	4.00	3.60
AHP3015BMV-2R2M	2.20	±20	1V/1M	68	81.6	6.00	5.50	3.60	3.10
AHP3015BMV-3R3M	3.30	±20	1V/1M	116	140	4.50	4.20	2.90	2.60
AHP3015BMV-4R7M	4.70	±20	1V/1M	159	190	4.10	3.90	2.40	2.10
AHP3015BMV-5R6M	5.60	±20	1V/1M	200	240	3.70	3.30	2.20	1.90
AHP3015BMV-6R8M	6.80	±20	1V/1M	210	260	3.30	2.90	2.10	1.80
AHP3015BMV-8R2M	8.20	±20	1V/1M	300	360	3.00	2.60	1.80	1.50
AHP3015BMV-100M	10.00	±20	1V/1M	370	444	2.70	2.30	1.60	1.30
AHP3015BMV-150M	15.00	±20	1V/1M	540	648	2.30	2.00	1.20	0.90
AHP3015BMV-220M	22.00	±20	1V/1M	700	840	1.90	1.70	1.00	0.80

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	4.00±0.20
B	4.00±0.20
C	1.80±0.20
D	1.10±0.30
E	3.50±0.30

Units: mm

■ Specifications

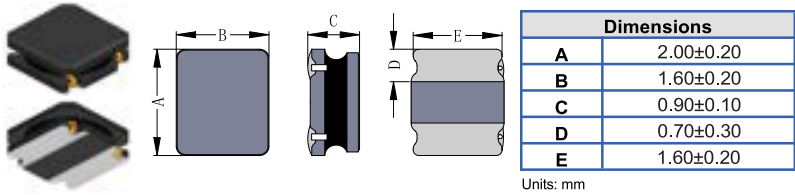
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
AHP4020BMV-R22M	0.22	±20	1V/1M	9.5	10.9	23.0	19.0	9.5	8.2
AHP4020BMV-R47M	0.47	±20	1V/1M	14	16.1	16.0	14.0	8.0	7.0
AHP4020BMV-R60M	0.60	±20	1V/1M	17.1	19	13.0	10.0	7.5	6.5
AHP4020BMV-R68M	0.68	±20	1V/1M	18	20.7	12.0	9.0	7.4	6.4
AHP4020BMV-1R0M	1.00	±20	1V/1M	22	26	11.1	8.7	6.7	5.8
AHP4020BMV-1R5M	1.50	±20	1V/1M	30	36	10.0	8.0	6.0	5.2
AHP4020BMV-2R2M	2.20	±20	1V/1M	40	48	7.6	6.2	5.0	4.3
AHP4020BMV-3R3M	3.30	±20	1V/1M	60	72	5.9	4.8	4.0	3.5
AHP4020BMV-4R7M	4.70	±20	1V/1M	90	108	5.1	4.3	3.3	2.9
AHP4020BMV-6R8M	6.80	±20	1V/1M	128	154	4.6	3.7	2.8	2.4
AHP4020BMV-100M	10.00	±20	1V/1M	180	216	4.0	3.2	2.4	2.0
AHP4020BMV-150M	15.00	±20	1V/1M	261	300	2.8	2.3	1.8	1.6

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
AHP201610CBV-R47M	0.47	±20	1V/1M	40	48	7.30	6.60	4.00	3.50
AHP201610CBV-R68M	0.68	±20	1V/1M	50	60	5.80	5.20	3.50	3.00
AHP201610CBV-R82M	0.82	±20	1V/1M	62	72	5.10	4.60	3.20	3.00
AHP201610CBV-1R0M	1.00	±20	1V/1M	71	82	4.60	4.10	3.00	2.70
AHP201610CBV-1R2M	1.20	±20	1V/1M	90	110	4.20	3.90	2.70	2.40
AHP201610CBV-1R5M	1.50	±20	1V/1M	115	133	4.00	3.70	2.40	2.10
AHP201610CBV-2R2M	2.20	±20	1V/1M	156	180	3.30	2.90	2.10	1.80
AHP201610CBV-3R3M	3.30	±20	1V/1M	235	271	2.50	2.30	1.70	1.50
AHP201610CBV-4R7M	4.70	±20	1V/1M	355	410	2.10	1.90	1.40	1.20
AHP201610CBV-5R6M	5.60	±20	1V/1M	440	510	1.90	1.70	1.20	1.00
AHP201610CBV-6R8M	6.80	±20	1V/1M	525	605	1.70	1.50	1.10	0.90
AHP201610CBV-8R2M	8.20	±20	1V/1M	700	810	1.50	1.30	0.95	0.85
AHP201610CBV-100M	10.00	±20	1V/1M	770	890	1.30	1.10	0.90	0.80

Note:

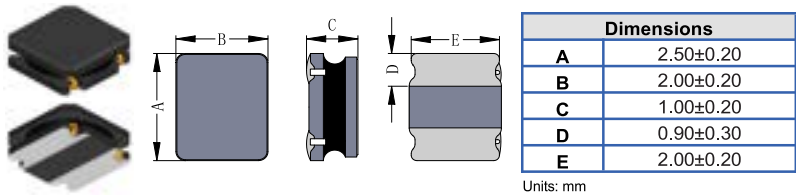
1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.

2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

AHP252012CBV Series (1008 inch -55 ~+125℃)



■ Dimensions



■ Specifications

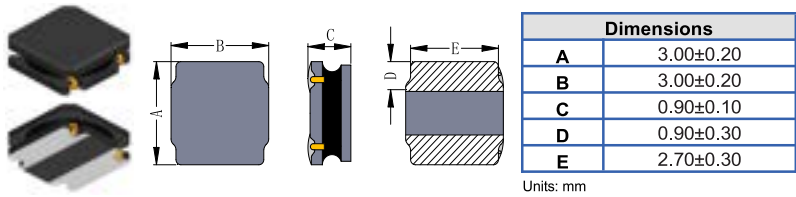
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
AHP252012CBV-R24M	0.24	±20	1V/1M	18	21.6	11.00	10.00	6.30	5.80
AHP252012CBV-R33M	0.33	±20	1V/1M	22.5	27	9.00	8.20	5.70	5.20
AHP252012CBV-R47M	0.47	±20	1V/1M	28	33.6	8.20	7.50	5.10	4.70
AHP252012CBV-R68M	0.68	±20	1V/1M	34	40.8	6.80	6.20	4.70	4.30
AHP252012CBV-1R0M	1.00	±20	1V/1M	44	53	5.40	4.80	4.00	3.70
AHP252012CBV-1R2M	1.20	±20	1V/1M	50	60	4.60	4.00	3.60	3.10
AHP252012CBV-1R5M	1.50	±20	1V/1M	64	77	4.20	3.80	3.30	2.90
AHP252012CBV-2R2M	2.20	±20	1V/1M	90	108	3.30	2.80	2.90	2.60
AHP252012CBV-3R3M	3.30	±20	1V/1M	125	150	2.60	2.20	2.50	2.20
AHP252012CBV-4R7M	4.70	±20	1V/1M	190	228	2.40	2.10	1.90	1.70
AHP252012CBV-5R6M	5.60	±20	1V/1M	260	312	2.20	1.90	1.70	1.50
AHP252012CBV-6R8M	6.80	±20	1V/1M	300	360	1.90	1.70	1.60	1.40
AHP252012CBV-8R2M	8.20	±20	1V/1M	369	443	1.70	1.50	1.40	1.25
AHP252012CBV-100M	10.00	±20	1V/1M	450	540	1.50	1.30	1.20	1.10

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

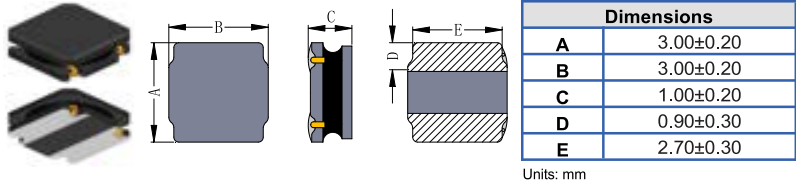
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
AHP3010CBV-R22M	0.22	±20	1V/1M	22	26.4	11.50	10.50	6.00	5.50
AHP3010CBV-R36M	0.36	±20	1V/1M	30	36	10.50	9.50	5.50	5.00
AHP3010CBV-R47M	0.47	±20	1V/1M	35	42	9.20	8.20	5.00	4.50
AHP3010CBV-R56M	0.56	±20	1V/1M	38	45.6	8.80	8.10	4.50	4.00
AHP3010CBV-R68M	0.68	±20	1V/1M	45	54	8.50	8.00	4.20	3.70
AHP3010CBV-R82M	0.82	±20	1V/1M	54	64.8	8.00	7.50	4.00	3.50
AHP3010CBV-1R0M	1.00	±20	1V/1M	58	69.6	7.00	6.50	3.80	3.30
AHP3010CBV-1R2M	1.20	±20	1V/1M	68	81.6	6.50	6.00	3.50	3.10
AHP3010CBV-1R5M	1.50	±20	1V/1M	88	105.6	6.00	5.50	3.30	3.00
AHP3010CBV-2R2M	2.20	±20	1V/1M	115	138	5.00	4.50	2.80	2.50
AHP3010CBV-3R3M	3.30	±20	1V/1M	170	204	4.10	3.70	2.30	2.10
AHP3010CBV-4R7M	4.70	±20	1V/1M	240	288	3.30	3.00	1.90	1.70
AHP3010CBV-5R6M	5.60	±20	1V/1M	310	372	2.90	2.60	1.60	1.40
AHP3010CBV-6R8M	6.80	±20	1V/1M	450	540	2.80	2.50	1.30	1.10
AHP3010CBV-8R2M	8.20	±20	1V/1M	550	660	2.40	2.20	1.20	1.00
AHP3010CBV-100M	10.00	±20	1V/1M	630	756	2.20	2.00	1.10	0.90

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

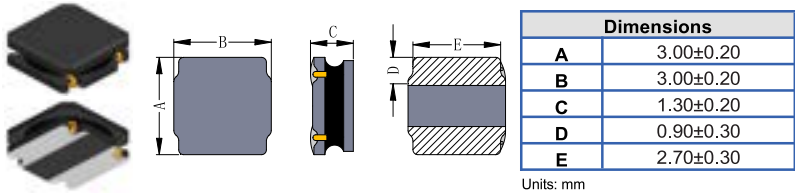
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
AHP3012CBV-R30M	0.30	±20	1V/1M	22	26.4	12.00	11.00	6.40	5.50
AHP3012CBV-R33M	0.33	±20	1V/1M	22	26	11.00	10.00	6.40	5.50
AHP3012CBV-R47M	0.47	±20	1V/1M	28	34	10.00	9.00	5.50	4.70
AHP3012CBV-R56M	0.56	±20	1V/1M	30	36	9.00	8.00	5.30	4.50
AHP3012CBV-R68M	0.68	±20	1V/1M	35	42	8.50	7.50	5.00	4.30
AHP3012CBV-1R0M	1.00	±20	1V/1M	43	51.6	7.20	6.70	4.20	3.70
AHP3012CBV-1R5M	1.50	±20	1V/1M	62	74	6.30	5.70	3.60	3.30
AHP3012CBV-2R2M	2.20	±20	1V/1M	92	112	5.50	5.00	3.00	2.70
AHP3012CBV-3R3M	3.30	±20	1V/1M	126	151	4.50	4.00	2.50	2.20
AHP3012CBV-4R7M	4.70	±20	1V/1M	190	228	3.70	3.30	2.00	1.80
AHP3012CBV-5R6M	5.60	±20	1V/1M	210	252	3.20	2.90	1.80	1.60
AHP3012CBV-6R8M	6.80	±20	1V/1M	250	300	2.80	2.50	1.60	1.40
AHP3012CBV-8R2M	8.20	±20	1V/1M	330	396	2.40	2.20	1.40	1.20
AHP3012CBV-100M	10.00	±20	1V/1M	400	480	2.20	2.00	1.30	1.10

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

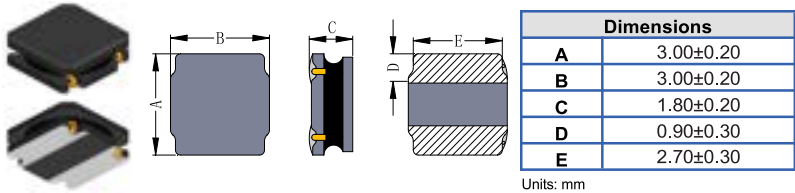
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
AHP3015CBV-R33M	0.33	±20	1V/1M	21	25	13.00	11.00	6.20	5.50
AHP3015CBV-R47M	0.47	±20	1V/1M	25	30	12.00	10.00	5.80	5.10
AHP3015CBV-R68M	0.68	±20	1V/1M	32	38.4	10.00	9.00	5.20	4.70
AHP3015CBV-R82M	0.82	±20	1V/1M	38	45.6	9.70	8.70	4.80	4.30
AHP3015CBV-1R0M	1.00	±20	1V/1M	42	50.4	9.10	8.10	4.60	4.00
AHP3015CBV-1R2M	1.20	±20	1V/1M	48	57.6	8.20	7.60	4.30	3.80
AHP3015CBV-1R5M	1.50	±20	1V/1M	55	66	7.50	6.90	4.00	3.60
AHP3015CBV-2R2M	2.20	±20	1V/1M	68	81.6	6.10	5.60	3.60	3.10
AHP3015CBV-3R3M	3.30	±20	1V/1M	116	140	5.10	4.60	2.90	2.60
AHP3015CBV-4R7M	4.70	±20	1V/1M	115	186	4.40	4.00	2.40	2.10
AHP3015CBV-5R6M	5.60	±20	1V/1M	200	240	4.00	3.60	2.20	1.90
AHP3015CBV-6R8M	6.80	±20	1V/1M	210	260	3.40	3.00	2.10	1.80
AHP3015CBV-8R2M	8.20	±20	1V/1M	300	360	3.10	2.70	1.80	1.50
AHP3015CBV-100M	10.00	±20	1V/1M	370	444	2.90	2.50	1.60	1.30

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

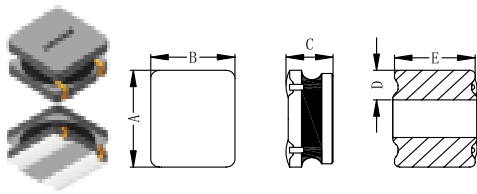
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
AHP3020CBV-R47M	0.47	±20	1V/1M	24	28.8	13.00	11.00	6.10	5.50
AHP3020CBV-R56M	0.56	±20	1V/1M	29	34.8	12.00	11.50	5.60	5.10
AHP3020CBV-R68M	0.68	±20	1V/1M	29	34.8	11.00	10.00	5.40	4.90
AHP3020CBV-R82M	0.82	±20	1V/1M	34	40.8	10.30	9.30	4.90	4.50
AHP3020CBV-1R0M	1.00	±20	1V/1M	39	46.8	9.50	8.50	4.70	4.20
AHP3020CBV-1R2M	1.20	±20	1V/1M	46	55.2	9.00	8.00	4.50	4.00
AHP3020CBV-1R5M	1.50	±20	1V/1M	50	60.0	8.50	7.50	4.20	3.80
AHP3020CBV-2R2M	2.20	±20	1V/1M	63	75.6	7.10	6.60	3.70	3.30
AHP3020CBV-3R3M	3.30	±20	1V/1M	100	120	6.50	5.50	3.10	2.80
AHP3020CBV-4R7M	4.70	±20	1V/1M	133	160	5.50	5.00	2.60	2.30
AHP3020CBV-5R6M	5.60	±20	1V/1M	140	168	4.80	4.30	2.40	2.10
AHP3020CBV-6R8M	6.80	±20	1V/1M	190	228	4.50	4.00	2.30	2.00
AHP3020CBV-8R2M	8.20	±20	1V/1M	225	270	3.60	3.10	2.00	1.70
AHP3020CBV-100M	10.00	±20	1V/1M	280	336	3.40	2.90	1.80	1.50
AHP3020CBV-150M	15.00	±20	1V/1M	390	468	2.90	2.50	1.50	1.20
AHP3020CBV-220M	22.00	±20	1V/1M	590	708	2.40	2.00	1.10	0.90

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	2.00±0.20
B	1.60±0.20
C	0.90±0.10
D	0.70±0.30
E	1.60±0.20

Units: mm

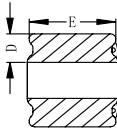
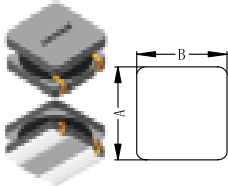
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
HPC201610BMV-R24M	0.24	±20	1V/100K	20.0	24.0	4.10	3.80	5.20	4.80
HPC201610BMV-R33M	0.33	±20	1V/100K	29.0	34.8	3.30	3.00	4.60	4.00
HPC201610BMV-R47M	0.47	±20	1V/100K	37.0	45.0	2.90	2.70	4.00	3.70
HPC201610BMV-R68M	0.68	±20	1V/100K	50.0	60.0	2.50	2.30	3.60	3.30
HPC201610BMV-1R0M	1.00	±20	1V/100K	67.0	80.4	2.00	1.80	3.10	2.80
HPC201610BMV-1R5M	1.50	±20	1V/100K	98.0	118	1.60	1.40	2.50	2.10
HPC201610BMV-2R2M	2.20	±20	1V/100K	140	168	1.30	1.10	2.10	1.90
HPC201610BMV-3R3M	3.30	±20	1V/100K	210	252	1.10	0.95	1.70	1.40
HPC201610BMV-4R7M	4.70	±20	1V/100K	395	474	0.90	0.80	1.30	1.10
HPC201610BMV-5R6M	5.60	±20	1V/100K	415	498	0.85	0.77	1.10	0.90
HPC201610BMV-6R8M	6.80	±20	1V/100K	480	576	0.80	0.75	0.90	0.80
HPC201610BMV-8R2M	8.20	±20	1V/100K	630	756	0.70	0.65	0.80	0.70
HPC201610BMV-100M	10.00	±20	1V/100K	700	840	0.62	0.57	0.72	0.67
HPC201610BMV-150M	15.00	±20	1V/100K	1200	1440	0.46	0.43	0.60	0.55
HPC201610BMV-220M	22.00	±20	1V/100K	1800	2160	0.38	0.35	0.50	0.45

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	2.00±0.20
B	1.60±0.20
C	1.00±0.20
D	0.70±0.30
E	1.60±0.20

Units: mm

■ Specifications

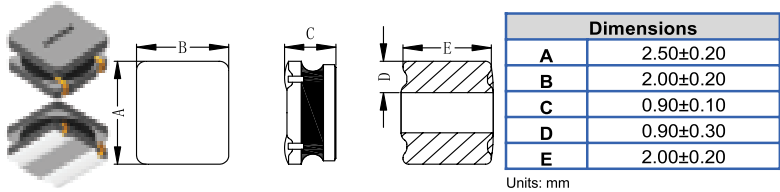
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
HPC201612BMV-R33M	0.33	±20	1V/100K	25.0	30.0	3.50	3.20	4.80	4.30
HPC201612BMV-R47M	0.47	±20	1V/100K	35.0	42.0	3.10	2.90	4.20	3.90
HPC201612BMV-R68M	0.68	±20	1V/100K	45.0	54.0	2.60	2.40	3.80	3.50
HPC201612BMV-1R0M	1.00	±20	1V/100K	60.0	72.0	2.10	1.90	3.20	2.90
HPC201612BMV-1R5M	1.50	±20	1V/100K	90.0	108	1.70	1.50	2.60	2.20
HPC201612BMV-2R2M	2.20	±20	1V/100K	130	156	1.40	1.20	2.20	2.00
HPC201612BMV-3R3M	3.30	±20	1V/100K	190	228	1.15	1.00	1.80	1.50
HPC201612BMV-4R7M	4.70	±20	1V/100K	350	420	0.95	0.85	1.40	1.20
HPC201612BMV-5R6M	5.60	±20	1V/100K	365	438	0.90	0.80	1.20	1.00
HPC201612BMV-6R8M	6.80	±20	1V/100K	460	552	0.82	0.76	1.00	0.90
HPC201612BMV-8R2M	8.20	±20	1V/100K	610	732	0.70	0.65	0.85	0.75
HPC201612BMV-100M	10.0	±20	1V/100K	650	780	0.65	0.60	0.78	0.70
HPC201612BMV-150M	15.0	±20	1V/100K	1050	1260	0.50	0.45	0.65	0.60
HPC201612BMV-220M	22.0	±20	1V/100K	1650	1980	0.40	0.38	0.55	0.50

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



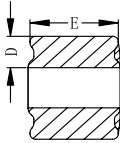
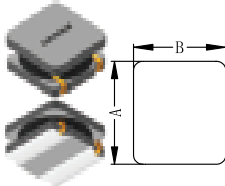
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
HPC252010BMV-R47M	0.47	±20	1V/100K	29.0	35.0	3.30	3.00	3.00	2.80
HPC252010BMV-R68M	0.68	±20	1V/100K	39.0	47.0	2.80	2.60	2.80	2.60
HPC252010BMV-1R0M	1.00	±20	1V/100K	60.0	72.0	2.50	2.30	2.60	2.40
HPC252010BMV-1R5M	1.50	±20	1V/100K	80.0	96.0	2.10	1.90	2.40	2.20
HPC252010BMV-2R2M	2.20	±20	1V/100K	110	132	1.50	1.30	2.00	1.80
HPC252010BMV-3R3M	3.30	±20	1V/100K	170	204	1.30	1.10	1.70	1.50
HPC252010BMV-4R7M	4.70	±20	1V/100K	250	300	1.20	1.10	1.40	1.20
HPC252010BMV-6R8M	6.80	±20	1V/100K	370	444	0.95	0.85	1.20	1.00
HPC252010BMV-100M	10.0	±20	1V/100K	460	552	0.75	0.65	1.00	0.80
HPC252010BMV-150M	15.0	±20	1V/100K	770	924	0.62	0.57	0.80	0.65
HPC252010BMV-220M	22.0	±20	1V/100K	1110	1332	0.52	0.47	0.62	0.56

Note:
1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
2..Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	2.50±0.20
B	2.00±0.20
C	1.00±0.20
D	0.90±0.30
E	2.00±0.20

Units: mm

■ Specifications

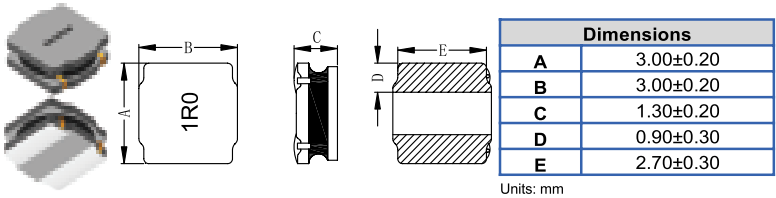
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
HPC252012BMV-R22Y	0.22	±30	1V/100K	15.0	18.0	5.50	5.00	6.00	5.50
HPC252012BMV-R33M	0.33	±20	1V/100K	20.0	24.0	4.80	4.40	5.20	4.80
HPC252012BMV-R47M	0.47	±20	1V/100K	26.0	32.0	4.30	4.00	4.80	4.50
HPC252012BMV-R68M	0.68	±20	1V/100K	37.0	45.0	3.70	3.50	4.40	4.00
HPC252012BMV-1R0M	1.00	±20	1V/100K	50.0	60.0	3.00	2.80	3.60	3.30
HPC252012BMV-1R2M	1.20	±20	1V/100K	61.0	74.0	2.90	2.70	3.40	3.10
HPC252012BMV-1R5M	1.50	±20	1V/100K	70.0	84.0	2.70	2.50	3.10	2.80
HPC252012BMV-2R2M	2.20	±20	1V/100K	94.0	113	2.10	1.90	2.70	2.30
HPC252012BMV-3R3M	3.30	±20	1V/100K	126	152	1.70	1.50	2.20	1.90
HPC252012BMV-4R7M	4.70	±20	1V/100K	225	270	1.50	1.30	1.80	1.60
HPC252012BMV-6R8M	6.80	±20	1V/100K	310	372	1.20	1.10	1.50	1.30
HPC252012BMV-100M	10.0	±20	1V/100K	495	594	1.00	0.90	1.30	1.10
HPC252012BMV-150M	15.0	±20	1V/100K	650	780	0.80	0.70	1.00	0.90
HPC252012BMV-220M	22.0	±20	1V/100K	908	1090	0.63	0.58	0.80	0.60

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



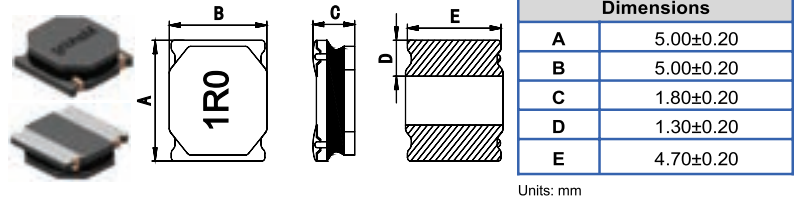
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
HPC3015BMV-R24M	0.24	±20	1V/100K	13.0	16.0	6.00	5.50	5.00	4.50
HPC3015BMV-R47M	0.47	±20	1V/100K	18.0	22.0	4.30	4.00	3.70	3.30
HPC3015BMV-R68M	0.68	±20	1V/100K	23.0	28.0	3.80	3.50	3.50	3.20
HPC3015BMV-1R0M	1.00	±20	1V/100K	30.0	36.0	3.00	2.70	3.00	2.70
HPC3015BMV-1R5M	1.50	±20	1V/100K	36.0	43.0	2.40	2.10	2.70	2.50
HPC3015BMV-2R2M	2.20	±20	1V/100K	60.0	72.0	2.10	1.90	2.50	2.30
HPC3015BMV-3R3M	3.30	±20	1V/100K	80.0	96.0	1.70	1.50	2.20	2.00
HPC3015BMV-4R7M	4.70	±20	1V/100K	112	134	1.50	1.30	1.90	1.70
HPC3015BMV-5R6M	5.60	±20	1V/100K	135	162	1.40	1.20	1.80	1.60
HPC3015BMV-6R8M	6.80	±20	1V/100K	172	206	1.30	1.10	1.70	1.50
HPC3015BMV-100M	10.0	±20	1V/100K	220	264	1.00	0.90	1.50	1.30
HPC3015BMV-150M	15.0	±20	1V/100K	310	372	0.85	0.72	1.20	1.00
HPC3015BMV-180M	18.0	±20	1V/100K	380	456	0.73	0.65	1.10	0.92
HPC3015BMV-220M	22.0	±20	1V/100K	450	540	0.68	0.59	1.00	0.85
HPC3015BMV-330M	33.0	±20	1V/100K	780	940	0.57	0.51	0.85	0.75
HPC3015BMV-470M	47.0	±20	1V/100K	1200	1440	0.46	0.41	0.70	0.60
HPC3015BMV-101M	100	±20	1V/100K	3400	4080	0.33	0.30	0.40	0.35

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2..Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Units: mm

■ Specifications

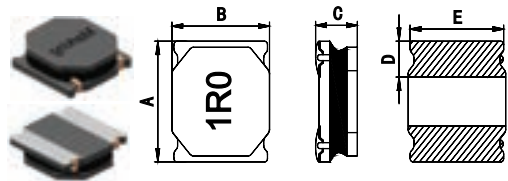
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) ±20%	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
HPC5020NV-1R0Y	1.00	±30	1V/100K	20	5.00	4.5	4.10	3.6
HPC5020NV-1R2Y	1.20	±30	1V/100K	20	4.80	4.2	3.80	3.3
HPC5020NV-1R5Y	1.50	±30	1V/100K	25	4.50	4.0	3.50	3.0
HPC5020NV-2R2M	2.20	±20	1V/100K	32	4.10	3.5	3.30	2.8
HPC5020NV-3R3M	3.30	±20	1V/100K	43	3.50	3.0	2.80	2.5
HPC5020NV-4R7M	4.70	±20	1V/100K	60	2.70	2.3	2.40	2.1
HPC5020NV-5R6M	5.60	±20	1V/100K	69	2.40	2.0	2.10	1.8
HPC5020NV-6R8M	6.80	±20	1V/100K	90	2.10	1.7	1.90	1.6
HPC5020NV-8R2M	8.20	±20	1V/100K	98	1.90	1.4	1.75	1.4
HPC5020NV-100M	10.0	±20	1V/100K	110	1.70	1.2	1.60	1.3
HPC5020NV-120M	12.0	±20	1V/100K	135	1.40	1.0	1.40	1.1
HPC5020NV-150M	15.0	±20	1V/100K	165	1.30	0.8	1.25	0.9
HPC5020NV-180M	18.0	±20	1V/100K	190	1.20	0.7	1.17	0.8
HPC5020NV-220M	22.0	±20	1V/100K	225	1.10	0.6	1.10	0.7
HPC5020NV-330M	33.0	±20	1V/100K	335	0.80	0.5	0.80	0.6
HPC5020NV-470M	47.0	±20	1V/100K	460	0.70	0.4	0.70	0.5

Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	4.95±0.20
B	4.95±0.20
C	≤10uH/3.90±0.20 >10uH/3.80±0.20
D	1.30±0.30
E	4.20±0.20

Units: mm

■ Specifications

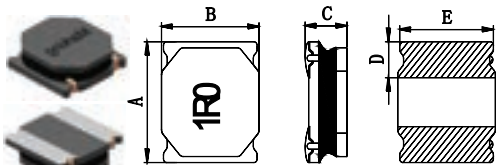
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) ±20%	I sat (A) typ.	I rms (A) typ.
HPC5040NV-R60M	0.60	±20	1V/100K	8	11.0	8.00
HPC5040NV-1R0M	1.00	±20	1V/100K	12	7.50	5.00
HPC5040NV-1R5M	1.50	±20	1V/100K	15	6.50	4.50
HPC5040NV-1R8M	1.80	±20	1V/100K	18	6.10	4.20
HPC5040NV-2R2M	2.20	±20	1V/100K	21	5.70	3.80
HPC5040NV-3R3M	3.30	±20	1V/100K	24	4.40	3.50
HPC5040NV-4R7M	4.70	±20	1V/100K	32	3.90	3.20
HPC5040NV-6R8M	6.80	±20	1V/100K	43	3.30	2.50
HPC5040NV-100M	10.0	±20	1V/100K	56	2.52	2.20
HPC5040NV-150M	15.0	±20	1V/100K	80	2.00	1.80
HPC5040NV-220M	22.0	±20	1V/100K	123	1.62	1.50
HPC5040NV-330M	33.0	±20	1V/100K	180	1.30	1.20
HPC5040NV-470M	47.0	±20	1V/100K	270	1.10	1.00
HPC5040NV-680M	68.0	±20	1V/100K	400	0.90	0.80
HPC5040NV-820M	82.0	±20	1V/100K	490	0.78	0.75
HPC5040NV-101M	100	±20	1V/100K	560	0.75	0.72

Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	6.00±0.20
B	6.00±0.20
C	1.80±0.20
D	1.60±0.30
E	5.80±0.30

Units: mm

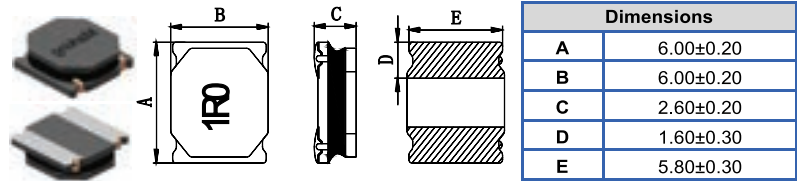
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) ±20%	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
HPC6020NV-1R0M	1.00	±20	1V/100K	19.0	6.20	5.7	4.50	4.0
HPC6020NV-1R5M	1.50	±20	1V/100K	22.5	5.50	5.0	3.80	3.3
HPC6020NV-2R0M	2.00	±20	1V/100K	25.0	5.30	4.9	3.65	3.3
HPC6020NV-2R2M	2.20	±20	1V/100K	29.0	5.00	4.6	3.50	3.2
HPC6020NV-3R3M	3.30	±20	1V/100K	35.0	4.00	3.6	3.30	3.0
HPC6020NV-4R7M	4.70	±20	1V/100K	54.0	3.00	2.7	2.80	2.5
HPC6020NV-5R6M	5.60	±20	1V/100K	59.0	2.70	2.4	2.60	2.3
HPC6020NV-6R8M	6.80	±20	1V/100K	78.0	2.60	2.3	2.50	2.2
HPC6020NV-8R2M	8.20	±20	1V/100K	103	2.40	2.1	2.30	2.0
HPC6020NV-100M	10.0	±20	1V/100K	106	2.10	1.9	2.10	1.9
HPC6020NV-150M	15.0	±20	1V/100K	138	1.50	1.3	1.60	1.4
HPC6020NV-220M	22.0	±20	1V/100K	204	1.30	1.1	1.40	1.1

Note:
1.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Units: mm

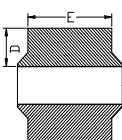
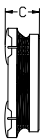
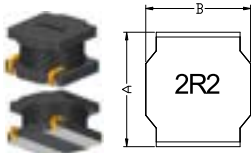
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) ±20%	I sat (A) typ.	I rms (A) typ.
HPC6028NV-1R0Y	1.00	±30	1V/100K	10.0	5.75	5.20
HPC6028NV-1R5Y	1.50	±30	1V/100K	14.0	5.30	4.95
HPC6028NV-2R2M	2.20	±20	1V/100K	18.0	5.00	4.50
HPC6028NV-3R3M	3.30	±20	1V/100K	24.0	4.30	3.60
HPC6028NV-4R7M	4.70	±20	1V/100K	30.0	3.20	3.10
HPC6028NV-6R8M	6.80	±20	1V/100K	47.0	2.85	2.50
HPC6028NV-100M	10.0	±20	1V/100K	65.0	2.10	2.00
HPC6028NV-150M	15.0	±20	1V/100K	98.0	2.00	1.80
HPC6028NV-220M	22.0	±20	1V/100K	138	1.60	1.50
HPC6028NV-330M	33.0	±20	1V/100K	200	1.40	1.30
HPC6028NV-470M	47.0	±20	1V/100K	280	1.15	1.06
HPC6028NV-680M	68.0	±20	1V/100K	420	1.00	0.81
HPC6028NV-101M	100	±20	1V/100K	605	0.80	0.72
HPC6028NV-471M	470	±20	1V/100K	2250	0.32	0.32

Note:
1.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	6.00±0.30
B	6.00±0.30
C	4.20±0.30
D	1.90±0.30
E	4.80±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) ±20%	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
HPC6045NV-R36M	0.36	±20	1V/1MHz	4.80	18.00	16.50	9.00	8.50
HPC6045NV-R47M	0.47	±20	1V/1MHz	6.80	17.00	16.00	8.60	8.00
HPC6045NV-R82M	0.82	±20	1V/1MHz	8.50	14.50	13.50	8.20	7.50
HPC6045NV-1R0M	1.00	±20	1V/1MHz	10.0	13.50	12.50	8.00	7.30
HPC6045NV-1R2M	1.20	±20	1V/1MHz	10.5	12.50	11.50	7.50	7.00
HPC6045NV-1R3M	1.30	±20	1V/1MHz	10.5	12.50	11.50	7.50	7.00
HPC6045NV-1R5M	1.50	±20	1V/1MHz	11.7	12.00	11.00	7.00	6.60
HPC6045NV-1R8M	1.80	±20	1V/1MHz	12.0	11.00	10.00	6.80	6.20
HPC6045NV-2R0M	2.00	±20	1V/1MHz	13.5	10.50	9.50	6.50	5.80
HPC6045NV-2R2M	2.20	±20	1V/1MHz	15.0	9.50	8.55	6.00	5.30
HPC6045NV-2R3M	2.30	±20	1V/1MHz	16.0	9.30	8.20	5.80	5.00
HPC6045NV-3R0M	3.00	±20	1V/1MHz	20.0	8.00	7.50	5.20	4.60
HPC6045NV-3R3M	3.30	±20	1V/1MHz	21.0	7.80	7.30	5.00	4.50
HPC6045NV-3R6M	3.60	±20	1V/1MHz	22.5	7.40	6.90	4.90	4.30
HPC6045NV-4R7M	4.70	±20	1V/1MHz	26.0	6.80	6.20	4.50	4.00
HPC6045NV-5R6M	5.60	±20	1V/1MHz	31.0	6.40	5.70	4.10	3.70

Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.



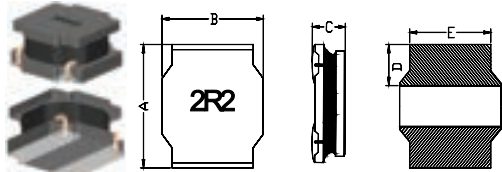
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) ±20%	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
HPC6045NV-6R3M	6.30	±20	1V/1MHz	33.0	5.90	5.30	3.80	3.50
HPC6045NV-6R8M	6.80	±20	1V/1MHz	34.0	5.70	5.15	3.60	3.30
HPC6045NV-8R2M	8.20	±20	1V/1MHz	46.0	5.10	4.50	3.40	2.90
HPC6045NV-100M	10.0	±20	1V/1MHz	52.0	4.60	4.20	3.20	2.60
HPC6045NV-150M	15.0	±20	1V/1MHz	71.0	3.80	3.30	2.80	2.20
HPC6045NV-180M	18.0	±20	1V/1MHz	80.0	3.40	2.90	2.60	2.10
HPC6045NV-220M	22.0	±20	1V/1MHz	96.0	3.30	2.70	2.30	1.90
HPC6045NV-330M	33.0	±20	1V/1MHz	145	2.50	2.10	1.80	1.50
HPC6045NV-470M	47.0	±20	1V/1MHz	200	2.00	1.75	1.60	1.20
HPC6045NV-560M	56.0	±20	1V/1MHz	230	1.80	1.65	1.40	1.00
HPC6045NV-680M	68.0	±20	1V/1MHz	305	1.60	1.52	1.10	0.92
HPC6045NV-820M	82.0	±20	1V/1MHz	365	1.50	1.40	0.98	0.88
HPC6045NV-101M	100.0	±20	1V/1MHz	456	1.33	1.25	0.92	0.82
HPC6045NV-121M	120.0	±20	1V/1MHz	500	1.20	1.10	0.85	0.79
HPC6045NV-151M	150.0	±20	1V/1MHz	626	1.10	1.00	0.75	0.70
HPC6045NV-181M	180.0	±20	1V/1MHz	745	1.00	0.90	0.68	0.60
HPC6045NV-221M	220.0	±20	1V/1MHz	900	0.88	0.77	0.60	0.50
HPC6045NV-331M	330.0	±20	1V/1MHz	1400	0.60	0.55	0.55	0.45
HPC6045NV-471M	470.0	±20	1V/1MHz	2050	0.50	0.45	0.40	0.35

Note:
1.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	8.00±0.30
B	8.00±0.30
C	< 1.0uH/4.2Max ≥ 1.0uH/3.70±0.30
D	2.40±0.30
E	6.30±0.30

Units: mm

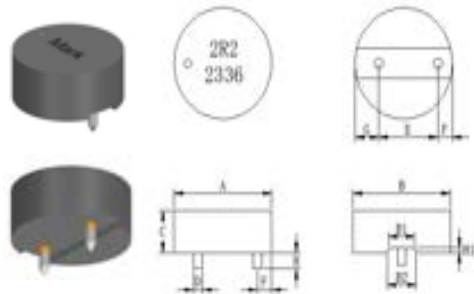
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) ±20%	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
HPC8040NV-R50M	0.50	±20	1MHz/1V	5.5	17.00	15.00	12.00	10.00
HPC8040NV-1R0M	1.00	±20	1MHz/1V	8.2	13.80	13.00	8.50	8.00
HPC8040NV-1R4M	1.40	±20	1MHz/1V	10.0	11.80	11.20	8.20	7.80
HPC8040NV-1R5M	1.50	±20	1MHz/1V	10.0	11.50	11.00	8.00	7.70
HPC8040NV-2R2M	2.20	±20	1MHz/1V	11.5	9.80	9.20	7.40	6.90
HPC8040NV-3R3M	3.30	±20	1MHz/1V	15.0	8.00	7.50	6.60	6.20
HPC8040NV-3R6M	3.60	±20	1MHz/1V	15.0	7.60	7.00	6.40	6.00
HPC8040NV-4R7M	4.70	±20	1MHz/1V	19.5	6.70	6.00	5.80	5.30
HPC8040NV-5R6M	5.60	±20	1MHz/1V	22.0	6.20	5.80	5.40	5.20
HPC8040NV-6R8M	6.80	±20	1MHz/1V	25.0	5.60	5.10	5.10	5.00
HPC8040NV-100M	10.0	±20	1MHz/1V	33.0	5.00	4.30	4.60	4.20
HPC8040NV-150M	15.0	±20	1MHz/1V	50.0	4.00	3.60	3.60	3.20
HPC8040NV-220M	22.0	±20	1MHz/1V	73.0	3.10	2.80	2.90	2.45
HPC8040NV-330M	33.0	±20	1MHz/1V	100	2.60	2.10	2.30	2.10
HPC8040NV-470M	47.0	±20	1MHz/1V	135	2.20	1.90	2.00	1.70
HPC8040NV-560M	56.0	±20	1MHz/1V	160	1.90	1.60	1.75	1.60
HPC8040NV-680M	68.0	±20	1MHz/1V	205	1.75	1.50	1.65	1.50
HPC8040NV-820M	82.0	±20	1MHz/1V	230	1.60	1.40	1.40	1.30
HPC8040NV-101M	100	±20	1MHz/1V	300	1.45	1.20	1.20	1.10
HPC8040NV-121M	120	±20	1MHz/1V	350	1.30	1.10	1.10	1.00
HPC8040NV-151M	150	±20	1MHz/1V	410	1.20	1.03	0.98	0.90
HPC8040NV-181M	180	±20	1MHz/1V	490	1.04	0.94	0.91	0.83
HPC8040NV-221M	220	±20	1MHz/1V	610	0.99	0.90	0.85	0.76
HPC8040NV-331M	330	±20	1MHz/1V	850	0.75	0.70	0.70	0.66
HPC8040NV-471M	470	±20	1MHz/1V	1300	0.60	0.55	0.63	0.58

Note:
1.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	28.60±0.30
B	28.60±0.30
B1	7.70±0.30
B2	8.70±0.30
C	10.70±0.30
D	2.2uH 2.50±0.20
	3.3uH 1.90±0.20
	8.2uH 2.00±0.20
E	2.2uH 17.30±0.30
	3.3uH 16.80±0.30
	8.2uH 17.80±0.30
F	2.2uH 4.30±0.30
	3.3uH 4.80±0.30
	8.2uH 4.50±0.30
G	2.2-3.3uH 7.00±0.30
	8.2uH 6.30±0.30
H	4.30±0.70
H1	1.30±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
THFD2811R2V-2R2MN-D	2.2	±20	1V/100K	0.71	0.77	83	75	72	62
THFD2811R2V-3R3MN-D	3.3	±20	1V/100K	1.38	1.50	73	66	62	55
THFD2811R2V-8R2MN-D	8.2	±20	1V/100K	2.40	2.80	40	35	40	35

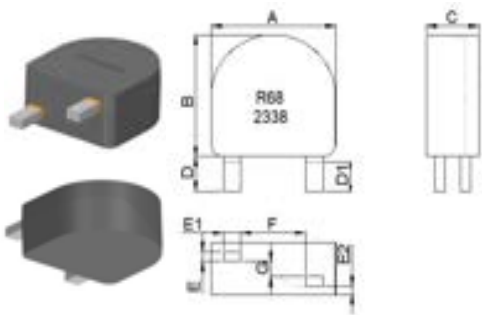
Not

1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.

2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions		
A	38.1±0.50	
B	38.1±0.50	
C	21.7±0.40	
D	12.8±1.00	
D1	11.5±1.00	
E	0.68uH	4.05±0.30
	0.82-3.30uH	2.55±0.30
E1	0.68uH	7.20±0.30
	0.82-3.30uH	6.60±0.30
E2	0.68uH	3.20±0.80
	0.82-3.30uH	3.90±0.80
F	0.68uH	14.50±0.80
	0.82-3.30uH	15.10±0.80
G	0.68uH	7.30±0.80
	0.82-3.30uH	8.90±0.80

Units: mm

■ Specifications

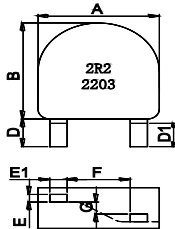
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A)40℃ rise	I rms (A)100℃ rise
THFD3822SV-R68MN-D	0.68	±20	2.0V/500K	0.11	0.13	301	420	154	235
THFD3822SV-R82MN-D	0.82	±20	2.0V/500K	0.18	0.20	235	332	132	196
THFD3822SV-1R5MN-D	1.50	±20	2.0V/500K	0.25	0.26	138	193	120	175
THFD3822SV-2R2MN-D	2.20	±20	2.0V/500K	0.33	0.36	104	150	115	168
THFD3822SV-3R3MN-D	3.30	±20	2.0V/500K	0.40	0.42	87	124	96	150

Not

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	51.0±0.30
B	51.0±0.30
C	21.6±0.40
D	12.8±0.80
D1	11.5±0.80
E	4.00±0.25
E1	7.00±0.25
F	25.0±0.50
G	7.10±0.40

Units: mm

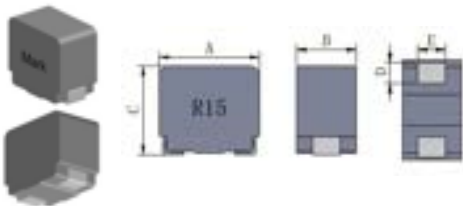
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) 1	I sat (A) 2	I rms (A)40℃ rise	I rms (A)1 00℃ rise
THFD5022SV-2R2MN-D	2.2	±20	1V/500K	0.21	0.23	190	280	125	187

Note:
1.Saturation Current (Isat 1) will cause L0 to drop approximately 20%
2.Saturation Current (Isat 2) will cause L0 to drop approximately 30%



■ Dimensions



Dimensions	
A	11.20±0.40
B	6.60±0.30
C	9.80±0.20
D	2.50±0.50
E	3.00±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) ±10%	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TVMP116910HV-R15MG-R3810	0.15	±20	1V/100K	0.38	120	110	55	45
TVMP116910HV-R15MX-R3810	0.15	±20	1V/100K	0.38	120	110	55	45

Not

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	11.20±0.40
B	6.80±0.40
C	9.80±0.20
D	2.50±0.50
E	3.00±0.30

Units: mm

■ Specifications

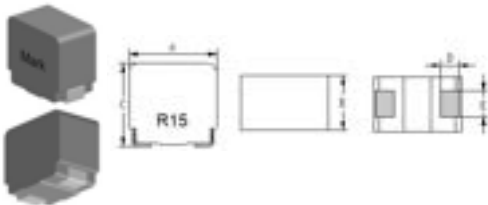
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) ±10%	I sat (A) typ.	I rms (A) typ.
TVMP117210HV-R40MG-R6310	0.40	± 20	1V/100K	0.63	65.0	40.0

Not

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	11.0±0.30
B	6.40±0.30
C	9.60±0.30
D	2.30±0.30
E	3.00±0.30

Units: mm

■ Specifications

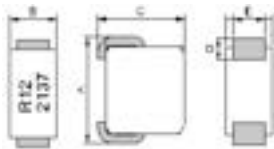
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) ±10%	I sat (A) typ.	I rms (A) typ.
TVMP116799SV-R15MN-R3810	0.15	±20	1V/100K	0.38	90.0	55.0
TVMP116799SV-R15MN-R4610	0.15	±20	1V/100K	0.46	85.0	39.0
TVMP116799SV-R15MN-R4110	0.15	±20	1V/100K	0.41	90.0	40.0
TVMP116799SV-R22MN-R6810	0.22	±20	1V/100K	0.68	80.0	37.0
TVMP116799SV-R33MN-R8410	0.33	±20	1V/100K	0.84	75.0	35.0

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	12.7±0.40
B	5.80±0.20
C	11.2±0.30
D	3.30±0.30
E	4.20±0.20

Units: mm

■ Specifications

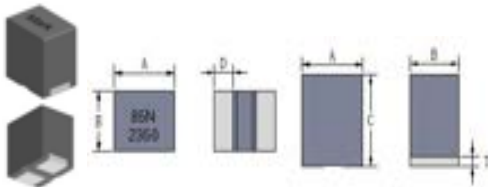
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) ±7%	I sat (A) typ1.	I sat (A) typ2.	I rms (A) typ.	I rms (A) max.
TVMP120611LNV-90NMNR2107-D	0.09	±20	1V/100K	0.21	95.0	135	90.0	70.0
TVMP120611LNV-R10MNR2107-D	0.10	±20	1V/100K	0.21	93.0	133	90.0	70.0
TVMP120611LNV-R12MNR2107-D	0.12	±20	1V/100K	0.21	91.0	130	90.0	70.0
TVMP120611LNV-R15MNR2107-D	0.15	±20	1V/100K	0.21	87.0	120	90.0	70.0

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃
- 2.Saturation Current (Isat1) will cause L0 to drop approximately 20%.
- 3.Saturation Current (Isat1) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	4.80±0.20
B	3.80±0.20
C	5.80±0.20
D	1.25±0.20
T	0.70±0.30

Units: mm

■ Specifications

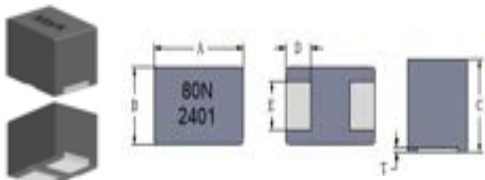
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TVMP504060LNV-85NMG-D	0.085	±20	1V/100K	0.22	0.3	80.0	70.0	50.0	45.0

Not

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	7.10±0.20
B	4.70±0.30
C	5.80±0.20
D	2.00±0.30
E	3.00±0.30
T	0.70±0.30

Units: mm

■ Specifications

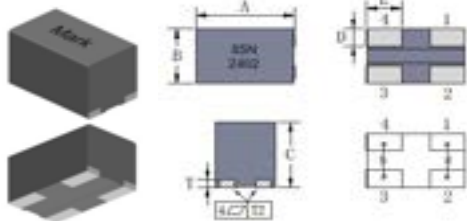
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TVMP735060LNV-60NMG-D	0.060	±20	1V/100K	0.13	0.15	110.0	100.0	62.0	55.0
TVMP735060LNV-70NMG-D	0.070	±20	1V/100K	0.13	0.15	95.0	88.0	61.0	54.0
TVMP735060LNV-80NMG-D	0.080	±20	1V/100K	0.14	0.16	85.0	79.0	60.0	53.0
TVMP735060LNV-85NMG-D	0.085	±20	1V/100K	0.14	0.16	82.0	76.0	57.0	50.0

Not

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	7.80±0.20
B	4.80±0.20
C	5.80±0.20
D	1.20±0.20
E	2.65±0.20
T	0.70±0.30

Units: mm

■ Specifications

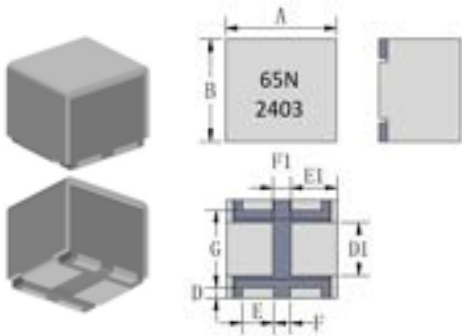
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TVMP805060P4V-85NMG-D	0.085	±20	1V/100K	0.22	0.3	80.0	70.0	50.0	45.0

Not

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	9.5±0.30
B	8.3±0.30
C	6.6±0.30
D	1.0±0.30
D1	4.5±0.20
E	2.7±0.30
E1	4.0±0.30
F	1.4±0.30
F1	1.5±0.30
G	6.2±0.30

Units: mm

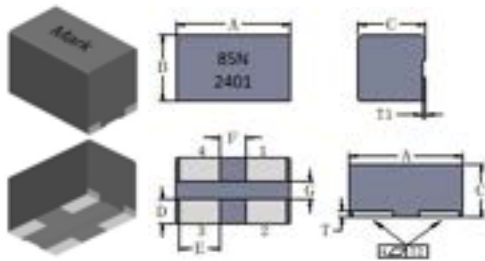
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TVMP988669P4V-65NMG-D	0.065	±20	1V/100K	0.17	0.19	100.0	90.0	45.0	40.0

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	9.70±0.30
B	9.70±0.30
C	5.70±0.30
D	2.80±0.30
E	3.50±0.30
F	1.70±0.30
G	1.40±0.30
T	0.70±0.30
T1	0.15±0.10

Units: mm

■ Specifications

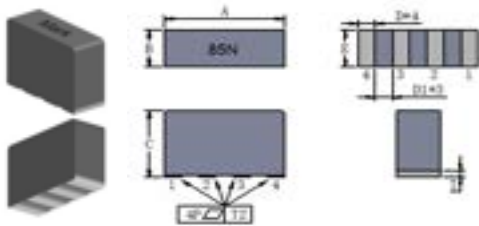
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TVMP107360P4V-60NMG-D	0.060	±20	1V/100K	0.13	0.15	105.0	92.0	74.0	64.0
TVMP107360P4V-70NMG-D	0.070	±20	1V/100K	0.13	0.15	95.0	82.0	72.0	62.0
TVMP107360P4V-80NMG-D	0.080	±20	1V/100K	0.14	0.16	90.0	78.0	70.0	60.0
TVMP107360P4V-85NMG-D	0.085	±20	1V/100K	0.14	0.16	88.0	75.0	68.0	58.0

Not

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	10.80±0.20
B	4.00±0.20
C	7.30±0.20
D	1.55±0.30
D1	1.60±0.30
E	4.00±0.20
T	0.70±0.30

Units: mm

■ Specifications

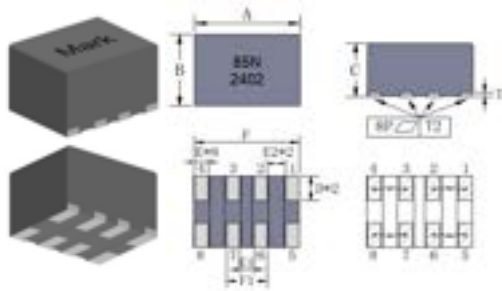
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TVMP114275P4V-85NMG	Pin1-4,0.085	±20	1V/100K	0.11	0.14	95.0	85.0	35.0	30.0
	Pin2-3,0.085	±20	1V/100K	0.53	0.58	85.0	75.0	32.0	27.0

Not

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	9.80±0.20
B	7.80±0.20
C	5.80±0.20
D	2.65±0.20
E*8	1.20±0.20
E1	1.30±0.20
E2*2	1.70±0.30
F	9.50±0.20
F1	3.80±0.30
T	0.70±0.30

Units: mm

■ Specifications

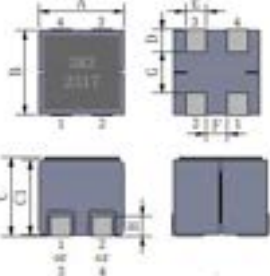
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TVMP108060P8V-85NMG-D	0.085	±20	1V/100K	0.20	0.30	80.0	70.0	50.0	45.0

Not

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	6.90±0.20
B	7.50±0.30
C	7.20±0.30
C1	6.60±0.20
D	2.00±0.30
E	1.65±0.20
F	1.60±0.30
G	3.50±0.50
H	1.50±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TTMA0778P4V-R82MG-D	0.82	±20	1V/100K	4.1	5.0	24.0	21.0	14.0	12.0
TTMA0778P4V-1R0MG-D	1.00	±20	1V/100K	5.1	6.2	21.0	19.0	12.0	10.0
TTMA0778P4V-1R5MG-D	1.50	±20	1V/100K	7.5	9.0	20.0	18.0	11.0	9.0
TTMA0778P4V-2R2MG-D	2.20	±20	1V/100K	9.6	11.6	18.0	16.0	10.0	8.5
TTMA0778P4V-3R3MG-D	3.30	±20	1V/100K	15.5	18.6	16.0	14.0	8.0	7.3
TTMA0778P4V-4R7MG-D	4.70	±20	1V/100K	22.2	26.7	14.8	13.3	7.0	6.3
TTMA0778P4V-5R0MG-D	5.00	±20	1V/100K	24.0	29.0	14.0	13.0	6.5	6.0
TTMA0778P4V-5R6MG-D	5.60	±20	1V/100K	30.0	36.0	13.0	12.2	6.0	5.5
TTMA0778P4V-6R8MG-D	6.80	±20	1V/100K	32.0	38.4	11.0	10.0	5.3	4.7
TTMA0778P4V-8R2MG-D	8.20	±20	1V/100K	36.1	43.3	10.0	9.3	4.9	4.4
TTMA0778P4V-100MG-D	10.00	±20	1V/100K	43.0	52.0	9.5	8.5	4.5	4.0
TTMA0778P4V-150MG-D	15.00	±20	1V/100K	66.0	80.0	6.3	5.4	3.7	3.3
TTMA0778P4V-220MG-D	22.00	±20	1V/100K	95.0	114.0	4.6	4.1	3.2	2.9

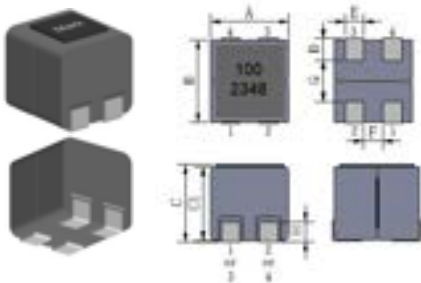
Not

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TTMA0882P4V Series (3231 inch -55 ~+125℃)



■ Dimensions



Dimensions	
A	8.15±0.20
B	7.90±0.30
C	8.80±0.30
C1	8.30±0.30
D	2.30±0.30
E	1.95±0.20
F	1.90±0.30
G	3.20±0.50
H	1.80±0.30

Units: mm

■ Specifications

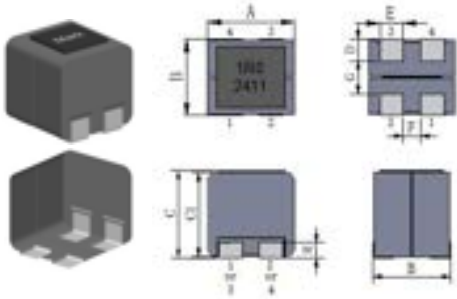
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TTMA0882P4V-5R6MG-D	5.60	±20	1V/100K	20.0	24.0	15.0	13.0	8.0	7.0
TTMA0882P4V-6R8MG-D	6.80	±20	1V/100K	21.5	25.8	13.0	12.0	7.0	6.5
TTMA0882P4V-8R2MG-D	8.20	±20	1V/100K	30.0	36.0	12.0	11.0	6.5	6.0
TTMA0882P4V-100MG-D	10.00	±20	1V/100K	32.0	38.4	11.0	10.0	6.0	5.5
TTMA0882P4V-150MG-D	15.00	±20	1V/100K	56.0	67.2	10.0	9.0	5.0	4.0
TTMA0882P4V-220MG-D	22.00	±20	1V/100K	88.0	105.0	6.5	6.0	4.0	3.0

Not

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	10.20±0.20
B	9.10±0.30
C	10.80±0.30
C1	10.30±0.30
D	2.65±0.30
E	2.50±0.20
F	2.40±0.30
G	4.30±0.50
H	2.00±0.30

Units: mm

■ Specifications

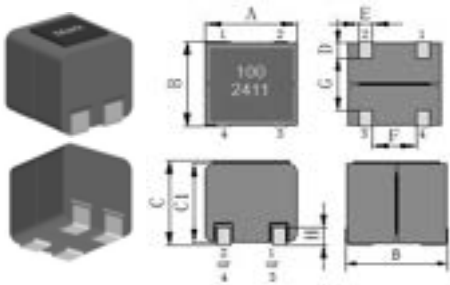
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TTMA1094P4V-1R0MG-D	1.0	±20	1V/100K	3.3	4.0	50.0	43.0	21.0	18.0
TTMA1094P4V-2R2MG-D	2.2	±20	1V/100K	5.0	6.0	32.0	27.5	18.0	15.0
TTMA1094P4V-3R3MG-D	3.3	±20	1V/100K	7.5	8.6	26.0	23.4	14.0	12.0
TTMA1094P4V-5R6MG-D	5.6	±20	1V/100K	14.0	16.8	20.0	18.0	11.0	9.0
TTMA1094P4V-100MG-D	10.0	±20	1V/100K	20.0	24.0	14.0	12.0	8.0	7.0
TTMA1094P4V-150MG-D	15.0	±20	1V/100K	34.0	40.8	9.5	8.5	6.0	5.0
TTMA1094P4V-220MG-D	22.0	±20	1V/100K	46.0	65.0	8.5	7.5	5.0	4.0

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	9.0±0.50
B	10.0±0.50
C	10.0MAX
C1	9.20±0.30
D	1.90±0.50
E	1.30±0.30
F	4.20±0.50
G	6.20±0.60
H	2.10±0.30

Units: mm

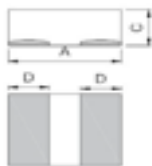
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TTMA1010P4V-3R3MN-D	3.3	±20	1V/100K	7.3	8.8	15.0	13.0	14.0	12.0
TTMA1010P4V-100MN-D	10.0	±20	1V/100K	18.0	22.0	10.0	9.0	8.0	7.0
TTMA1010P4V-150MN-D	15.0	±20	1V/100K	32.5	39.0	6.0	5.0	6.0	5.0

Not

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

■ Dimensions



Dimensions	
A	2.00 ± 0.30
B	1.60 ± 0.30
C	0.80 ± 0.20
D	0.70 ± 0.30

Units: mm

■ Specifications

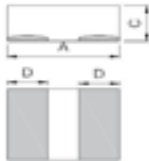
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM201610AV-R10MG	0.10	±20	1V/100K	7.5	9.0	9.0	8.0	8.0	7.0
TMIM201610AV-R15MG	0.15	±20	1V/100K	10.0	12.0	8.5	7.5	7.5	6.5
TMIM201610AV-R22MG	0.22	±20	1V/100K	10.5	12.6	8.0	7.0	7.0	6.0
TMIM201610AV-R24MG	0.24	±20	1V/100K	18.0	20.5	7.7	6.7	6.5	5.5
TMIM201610AV-R33MG	0.33	±20	1V/100K	21.0	26.0	7.0	6.2	5.7	5.2
TMIM201610AV-R47MG	0.47	±20	1V/100K	28.0	32.0	6.0	5.3	5.3	4.7
TMIM201610AV-R56MG	0.56	±20	1V/100K	31.0	37.2	5.2	4.6	4.6	4.0
TMIM201610AV-R68MG	0.68	±20	1V/100K	44.0	50.0	5.0	4.4	4.0	3.4
TMIM201610AV-1R0MG	1.00	±20	1V/100K	49.0	59.0	4.4	3.8	3.6	3.2
TMIM201610AV-1R5MG	1.50	±20	1V/100K	80.0	96.0	3.0	2.7	2.6	2.3
TMIM201610AV-2R2MG	2.20	±20	1V/100K	130.0	150.0	2.65	2.45	2.3	2.0
TMIM201610AV-4R7MG	4.70	±20	1V/100K	265.0	318.0	2.1	1.9	1.4	1.2

Note:

- 1.Heat Rated Current (I_{rms}) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (I_{sat}) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	2.00±0.30
B	1.60±0.30
C	1.00±0.20
D	0.70±0.30

Units: mm

■ Specifications

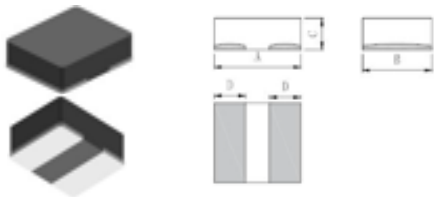
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM201612AV-R15MG	0.15	±20	1V/100K	9.0	11.0	9.0	8.0	7.5	6.5
TMIM201612AV-R22MG	0.22	±20	1V/100K	10.0	13.0	8.0	7.0	7.0	6.0
TMIM201612AV-R24MG	0.24	±20	1V/100K	12.0	15.0	7.7	6.7	6.7	5.7
TMIM201612AV-R33MG	0.33	±20	1V/100K	15.0	18.0	7.0	6.2	5.9	5.3
TMIM201612AV-R47MG	0.47	±20	1V/100K	20.0	26.0	6.0	5.3	5.4	4.8
TMIM201612AV-R68MG	0.68	±20	1V/100K	30.0	36.0	5.0	4.4	4.2	3.7
TMIM201612AV-1R0MG	1.00	±20	1V/100K	40.0	48.0	4.5	4.0	3.7	3.3
TMIM201612AV-1R5MG	1.50	±20	1V/100K	70.0	84.0	3.1	2.8	2.9	2.5
TMIM201612AV-2R2MG	2.20	±20	1V/100K	105.0	126.0	2.7	2.5	2.5	2.1
TMIM201612AV-4R7MG	4.70	±20	1V/100K	235.0	282.0	1.6	1.4	1.5	1.3

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	2.50±0.30
B	2.00±0.30
C	0.80±0.20
D	0.90±0.30

Units: mm

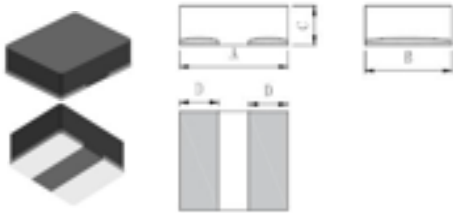
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM252010AV-R10MG	0.10	±20	1V/100K	6.8	8.2	9.2	8.2	9.0	8.0
TMIM252010AV-R15MG	0.15	±20	1V/100K	8.6	10.3	8.3	7.5	8.0	7.2
TMIM252010AV-R22MG	0.22	±20	1V/100K	12.0	15.0	7.7	7.0	7.2	6.6
TMIM252010AV-R33MG	0.33	±20	1V/100K	16.0	19.0	7.2	6.4	6.6	6.0
TMIM252010AV-R47MG	0.47	±20	1V/100K	20.0	24.0	6.0	5.4	5.8	5.1
TMIM252010AV-R68MG	0.68	±20	1V/100K	25.0	30.0	5.2	4.8	5.1	4.7
TMIM252010AV-1R0MG	1.00	±20	1V/100K	42.0	50.4	4.6	3.8	4.3	4.0
TMIM252010AV-1R5MG	1.50	±20	1V/100K	60.0	72.0	3.5	3.2	3.3	3.0
TMIM252010AV-2R2MG	2.20	±20	1V/100K	85.0	102.0	3.0	2.7	2.8	2.5
TMIM252010AV-3R3MG	3.30	±20	1V/100K	130.0	156.0	2.1	1.8	2.0	1.7
TMIM252010AV-4R7MG	4.70	±20	1V/100K	180.0	216.0	1.8	1.6	1.7	1.5

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	2.50±0.30
B	2.00±0.30
C	1.00±0.20
D	0.90±0.30

Units: mm

■ Specifications

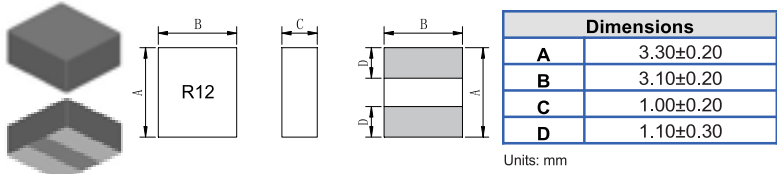
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM252012AV-R10MG	0.10	±20	1V/100K	5.4	6.5	14.0	12.0	10.0	9.0
TMIM252012AV-R15MG	0.15	±20	1V/100K	8.0	9.6	11.0	10.0	9.0	8.0
TMIM252012AV-R24MG	0.24	±20	1V/100K	11.0	13.2	7.8	7.2	7.3	6.8
TMIM252012AV-R33MG	0.33	±20	1V/100K	14.0	17.0	7.5	6.8	6.8	6.3
TMIM252012AV-R47MG	0.47	±20	1V/100K	15.0	18.0	6.2	5.6	6.2	5.6
TMIM252012AV-R56MG	0.56	±20	1V/100K	20.0	24.0	5.9	5.4	5.9	5.4
TMIM252012AV-R68MG	0.68	±20	1V/100K	23.0	27.6	5.5	5.0	5.3	4.9
TMIM252012AV-R82MG	0.82	±20	1V/100K	25.0	30.0	5.2	4.6	4.9	4.5
TMIM252012AV-1R0MG	1.00	±20	1V/100K	33.0	39.6	5.0	4.2	4.5	4.2
TMIM252012AV-1R5MG	1.50	±20	1V/100K	43.0	51.6	4.0	3.5	3.7	3.4
TMIM252012AV-2R2MG	2.20	±20	1V/100K	66.0	79.2	3.4	3.1	3.1	2.8
TMIM252012AV-3R3MG	3.30	±20	1V/100K	115.0	138.0	3.0	2.7	2.4	2.2
TMIM252012AV-4R7MG	4.70	±20	1V/100K	170.0	204.0	2.8	2.5	2.0	1.8

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



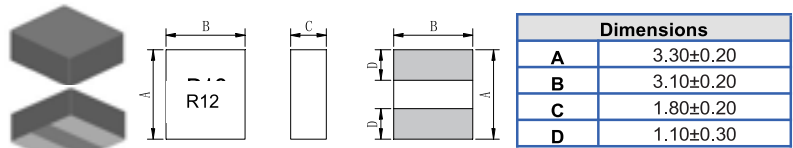
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM0312AV-R12MG	0.12	±20	1V/100K	5.0	6.0	17.0	15.0	11.0	10.0
TMIM0312AV-R24MG	0.24	±20	1V/100K	7.5	8.6	13.0	12.0	9.5	8.5
TMIM0312AV-R36MG	0.36	±20	1V/100K	9.5	11.4	10.3	9.2	8.7	7.7
TMIM0312AV-R47MG	0.47	±20	1V/100K	10.0	12.0	9.7	9.0	8.0	7.0
TMIM0312AV-R68MG	0.68	±20	1V/100K	13.0	15.6	8.5	7.5	7.4	6.6
TMIM0312AV-1R0MG	1.00	±20	1V/100K	18.5	22.2	7.0	6.3	6.5	6.0
TMIM0312AV-1R2MG	1.20	±20	1V/100K	23.5	28.2	6.3	5.8	6.1	5.7
TMIM0312AV-1R5MG	1.50	±20	1V/100K	27.0	32.4	6.0	5.5	5.7	5.4
TMIM0312AV-1R8MG	1.80	±20	1V/100K	30.0	36.0	5.5	5.0	5.2	4.8
TMIM0312AV-2R2MG	2.20	±20	1V/100K	42.0	50.4	4.8	4.3	4.4	4.0
TMIM0312AV-3R3MG	3.30	±20	1V/100K	61.0	73.0	3.7	3.3	3.5	3.1
TMIM0312AV-4R7MG	4.70	±20	1V/100K	99.0	118.0	3.2	2.7	2.8	2.5
TMIM0312AV-5R6MG	5.60	±20	1V/100K	127.0	152.0	2.8	2.5	2.5	2.3
TMIM0312AV-6R8MG	6.80	±20	1V/100K	145.0	174.0	2.5	2.3	2.3	2.1
TMIM0312AV-8R2MG	8.20	±20	1V/100K	162.0	194.0	2.3	2.0	2.1	1.9
TMIM0312AV-100MG	10.00	±20	1V/100K	190.0	228.0	2.0	1.7	1.9	1.7

Note:
1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Units: mm

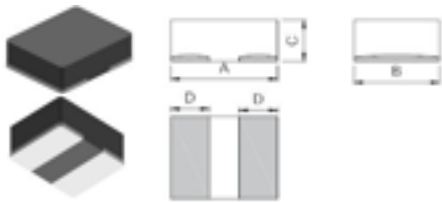
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM0302AV-R12MG	0.12	±20	1V/100K	3.3	3.8	20.0	18.0	16.0	14.0
TMIM0302AV-R22MG	0.22	±20	1V/100K	5.0	5.8	16.0	14.0	13.0	12.0
TMIM0302AV-R33MG	0.33	±20	1V/100K	6.5	7.5	12.5	11.5	11.0	10.0
TMIM0302AV-R40MG	0.40	±20	1V/100K	7.0	8.4	12.0	11.0	10.5	9.5
TMIM0302AV-R47MG	0.47	±20	1V/100K	8.0	9.6	10.5	10.0	9.6	9.1
TMIM0302AV-R60MG	0.60	±20	1V/100K	9.7	11.7	10.0	9.5	9.1	8.6
TMIM0302AV-R68MG	0.68	±20	1V/100K	10.0	12.0	9.5	8.7	8.8	8.4
TMIM0302AV-1R0MG	1.0	±20	1V/100K	14.5	17.4	8.5	8.0	7.8	7.4
TMIM0302AV-1R5MG	1.5	±20	1V/100K	21.0	25.2	7.0	6.0	6.5	6.0
TMIM0302AV-2R2MG	2.2	±20	1V/100K	37.2	44.7	5.0	4.5	4.7	4.4
TMIM0302AV-3R3MG	3.3	±20	1V/100K	51.5	61.8	4.3	3.8	3.8	3.4
TMIM0302AV-4R7MG	4.7	±20	1V/100K	85.0	102.0	3.6	3.1	3.1	2.8
TMIM0302AV-6R8MG	6.8	±20	1V/100K	105.0	126.0	2.6	2.3	2.6	2.3
TMIM0302AV-100MG	10.0	±20	1V/100K	187.0	225.0	2.0	1.7	2.0	1.7

TMIM322510AV Series (1310 inch -55 ~+150℃)



■ Dimensions



Dimensions	
A	3.20±0.30
B	2.50±0.30
C	0.80±0.20
D	1.10±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM322510AV-R22MG	0.22	±20	1V/100K	11.0	13.2	9.0	8.5	8.0	7.0
TMIM322510AV-R33MG	0.33	±20	1V/100K	15.0	18.0	8.0	7.0	7.0	6.0
TMIM322510AV-R47MG	0.47	±20	1V/100K	18.0	21.6	6.5	5.5	6.0	5.5
TMIM322510AV-R68MG	0.68	±20	1V/100K	22.0	26.4	6.0	5.2	5.5	5.0
TMIM322510AV-1R0MG	1.00	±20	1V/100K	30.0	36.0	4.8	4.0	4.8	4.0
TMIM322510AV-1R5MG	1.50	±20	1V/100K	48.3	58.0	4.3	3.8	3.8	3.2
TMIM322510AV-2R2MG	2.20	±20	1V/100K	67.0	80.4	3.6	3.3	3.1	2.7
TMIM322510AV-3R3MG	3.30	±20	1V/100K	100.0	120.0	3.1	2.8	2.5	2.1
TMIM322510AV-4R7MG	4.70	±20	1V/100K	143.0	172.0	2.2	1.9	2.0	1.7

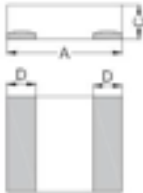
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMIM322512AV Series (1310 inch -55 ~+150℃)



■ Dimensions



Dimensions	
A	3.20±0.30
B	2.50±0.30
C	1.00±0.20
D	1.10±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM322512AV-R10MG	0.10	±20	1V/100K	4.0	4.8	18.0	16.0	12.0	11.0
TMIM322512AV-R15MG	0.15	±20	1V/100K	6.5	7.8	11.0	10.0	10.1	9.5
TMIM322512AV-R22MG	0.22	±20	1V/100K	7.4	8.5	9.3	8.7	9.5	9.0
TMIM322512AV-R33MG	0.33	±20	1V/100K	10.0	13.0	9.1	8.5	8.5	8.0
TMIM322512AV-R47MG	0.47	±20	1V/100K	16.0	19.2	8.2	7.4	7.0	6.5
TMIM322512AV-R68MG	0.68	±20	1V/100K	20.0	24.0	7.3	6.8	6.2	5.7
TMIM322512AV-1R0MG	1.00	±20	1V/100K	26.0	32.0	6.5	5.7	5.5	5.0
TMIM322512AV-1R2MG	1.20	±20	1V/100K	33.0	40.0	5.8	5.1	4.9	4.4
TMIM322512AV-1R5MG	1.50	±20	1V/100K	44.0	53.0	5.0	4.5	4.4	3.9
TMIM322512AV-2R2MG	2.20	±20	1V/100K	61.0	73.0	4.8	4.3	4.0	3.6
TMIM322512AV-3R3MG	3.30	±20	1V/100K	87.0	101.0	3.4	3.0	3.1	2.8
TMIM322512AV-4R7MG	4.70	±20	1V/100K	122.0	146.0	2.8	2.4	2.2	1.9

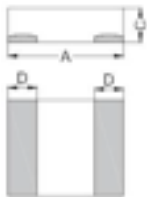
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMIM322520AV Series (1310 inch -55 ~+150℃)



■ Dimensions



Dimensions	
A	3.20±0.30
B	2.50±0.30
C	1.80±0.20
D	1.10±0.30

Units: mm

■ Specifications

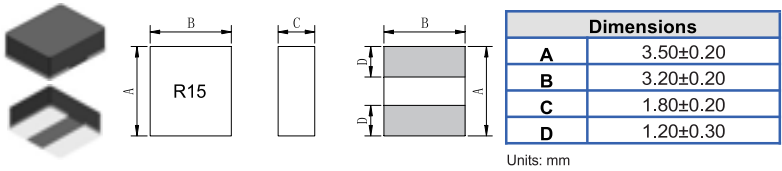
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM322520AV-R10MG	0.10	±20	1V/100K	3.3	4.0	22.0	20.0	11.5	10.5
TMIM322520AV-R22MG	0.22	±20	1V/100K	5.3	6.4	15.0	13.0	10.0	9.0
TMIM322520AV-R33MG	0.33	±20	1V/100K	8.0	9.6	11.0	10.0	8.5	8.0
TMIM322520AV-R47MG	0.47	±20	1V/100K	9.3	11.2	9.0	8.0	8.0	7.5
TMIM322520AV-R56MG	0.56	±20	1V/100K	11.4	13.7	8.5	7.5	7.5	7.0
TMIM322520AV-R68MG	0.68	±20	1V/100K	13.3	16.0	8.0	7.0	7.0	6.4
TMIM322520AV-1R0MG	1.00	±20	1V/100K	18.3	22.0	7.5	6.2	6.2	5.8
TMIM322520AV-1R5MG	1.50	±20	1V/100K	25.8	31.0	6.0	5.0	5.3	4.8
TMIM322520AV-2R2MG	2.20	±20	1V/100K	38.0	46.0	5.0	4.5	3.7	3.2
TMIM322520AV-3R3MG	3.30	±20	1V/100K	56.0	65.0	4.2	3.7	3.2	2.7
TMIM322520AV-4R7MG	4.70	±20	1V/100K	90.0	98.0	3.4	2.9	2.8	2.4
TMIM322520AV-6R8MG	6.80	±20	1V/100K	105.0	126.0	2.3	2.0	2.3	2.0

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM353220AV-R15MG	0.15	±20	1V/100K	3.5	4.2	17.0	15.0	17.0	15.0
TMIM353220AV-R22MG	0.22	±20	1V/100K	5.3	6.4	15.0	13.0	15.5	13.5
TMIM353220AV-R30MG	0.30	±20	1V/100K	5.5	6.6	14.0	12.0	15.0	13.0
TMIM353220AV-R47MG	0.47	±20	1V/100K	7.5	9.0	12.0	10.0	13.0	12.0
TMIM353220AV-R68MG	0.68	±20	1V/100K	9.5	11.4	10.0	9.0	11.5	10.0
TMIM353220AV-1R0MG	1.00	±20	1V/100K	14.0	16.8	9.0	7.8	10.0	8.2
TMIM353220AV-1R5MG	1.50	±20	1V/100K	17.0	20.4	7.5	6.6	8.5	7.3
TMIM353220AV-2R2MG	2.20	±20	1V/100K	27.5	33.0	6.0	5.2	7.0	6.0
TMIM353220AV-3R3MG	3.30	±20	1V/100K	36.0	43.2	5.0	4.2	6.0	5.2
TMIM353220AV-4R7MG	4.70	±20	1V/100K	53.0	63.6	4.0	3.5	4.8	4.1
TMIM353220AV-6R8MG	6.80	±20	1V/100K	90.0	103.5	3.0	2.6	3.9	3.2
TMIM353220AV-100MG	10.00	±20	1V/100K	133.0	160.0	2.5	2.2	3.2	2.6

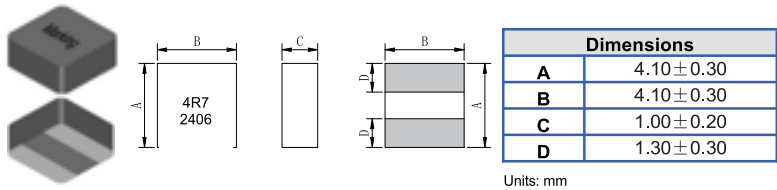
Note:

1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.

2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Units: mm

■ Specifications

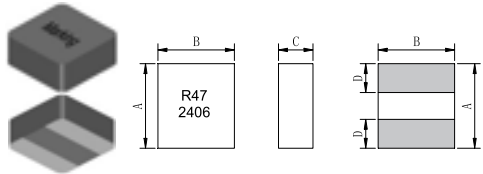
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM0412AV-R47MG-D	0.47	±20	1V/100K	11.6	14.0	11.0	10.0	9.0	8.0
TMIM0412AV-R68MG-D	0.68	±20	1V/100K	16.0	19.6	10.0	9.0	8.0	7.0
TMIM0412AV-1R0MG-D	1.00	±20	1V/100K	23.0	27.6	8.5	7.5	7.0	6.5
TMIM0412AV-1R5MG-D	1.50	±20	1V/100K	30.0	36.0	7.0	6.0	6.0	5.0
TMIM0412AV-2R2MG-D	2.20	±20	1V/100K	40.0	48.0	5.5	5.0	5.0	4.5
TMIM0412AV-2R6MG-D	2.60	±20	1V/100K	47.0	57.0	5.0	4.5	4.6	4.1
TMIM0412AV-3R3MG-D	3.30	±20	1V/100K	60.0	72.0	3.8	3.3	3.4	3.1
TMIM0412AV-4R7MG-D	4.70	±20	1V/100K	85.0	100.0	3.5	3.0	3.1	2.8
TMIM0412AV-6R3MG-D	6.30	±20	1V/100K	105.0	126.0	3.0	2.6	3.3	2.9
TMIM0412AV-100MG-D	10.0	±20	1V/100K	165.0	198.0	2.3	2.0	2.4	2.1

Note:

- Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	4.10±0.20
B	4.10±0.20
C	1.60±0.20
D	1.30±0.30

Units: mm

■ Specifications

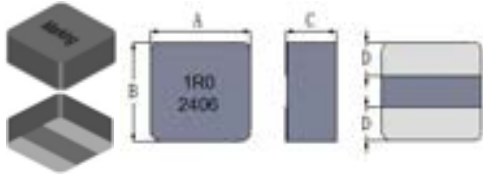
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM0418SV-R12MG-D	0.12	±20	1V/100K	1.7	2.0	30.0	27.0	25.0	22.0
TMIM0418SV-R22MG-D	0.22	±20	1V/100K	2.6	3.2	24.0	22.0	23.0	20.0
TMIM0418SV-R27MG-D	0.27	±20	1V/100K	3.3	4.0	22.0	20.0	20.0	18.0
TMIM0418SV-R36MG-D	0.36	±20	1V/100K	3.9	4.7	16.0	14.0	16.0	14.0
TMIM0418SV-R42MG-D	0.42	±20	1V/100K	4.5	5.4	15.5	13.5	15.5	13.5
TMIM0418SV-R47MG-D	0.47	±20	1V/100K	5.0	6.0	15.0	13.0	15.0	13.0
TMIM0418SV-R56MG-D	0.56	±20	1V/100K	6.8	8.2	14.0	12.0	14.0	12.0
TMIM0418SV-R68MG-D	0.68	±20	1V/100K	7.2	8.6	13.0	11.5	13.0	11.5
TMIM0418SV-R82MG-D	0.82	±20	1V/100K	9.5	11.4	12.0	11.0	12.0	11.0
TMIM0418SV-1R0MG-D	1.00	±20	1V/100K	10.0	12.0	11.0	10.0	11.0	10.0
TMIM0418SV-1R2MG-D	1.20	±20	1V/100K	13.0	15.6	10.0	9.0	10.0	9.0
TMIM0418SV-1R5MG-D	1.50	±20	1V/100K	16.5	20.0	8.5	7.5	8.5	7.5
TMIM0418SV-2R2MG-D	2.20	±20	1V/100K	25.0	30.0	6.2	5.5	6.2	5.5

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	4.10±0.20
B	4.10±0.20
C	1.80±0.20
D	1.30±0.30

Units: mm

■ Specifications

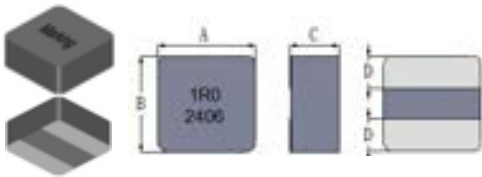
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM0402SV-R10MG-D	0.10	±20	1V/100K	1.3	1.6	37.0	32.0	34.0	30.5
TMIM0402SV-R12MG-D	0.12	±20	1V/100K	1.3	1.6	33.0	28.0	31.0	28.0
TMIM0402SV-R15MG-D	0.15	±20	1V/100K	1.7	2.05	30.0	26.0	28.5	25.5
TMIM0402SV-R20MG-D	0.20	±20	1V/100K	1.9	2.2	28.0	25.0	27.0	24.3
TMIM0402SV-R22MG-D	0.22	±20	1V/100K	1.9	2.2	26.0	24.0	26.0	23.5
TMIM0402SV-R33MG-D	0.33	±20	1V/100K	3.3	4.0	18.0	16.0	17.0	15.0
TMIM0402SV-R47MG-D	0.47	±20	1V/100K	4.5	5.4	16.0	14.0	16.0	14.0
TMIM0402SV-R56MG-D	0.56	±20	1V/100K	4.8	5.6	15.0	13.0	15.0	13.0
TMIM0402SV-R68MG-D	0.68	±20	1V/100K	5.5	6.6	13.0	11.0	13.0	11.0
TMIM0402SV-1R0MG-D	1.00	±20	1V/100K	8.2	9.0	11.0	9.5	12.0	10.0
TMIM0402SV-1R2MG-D	1.20	±20	1V/100K	9.6	11.5	10.5	9.0	11.0	9.5
TMIM0402SV-1R5MG-D	1.50	±20	1V/100K	12.5	15.0	8.5	7.6	10.0	9.0
TMIM0402SV-2R2MG-D	2.20	±20	1V/100K	17.5	21.0	7.2	6.5	9.0	8.0
TMIM0402SV-4R7MG-D	4.70	±20	1V/100K	42.0	46.0	5.0	4.5	5.5	5.0

Note:

- 1.Heat Rated Current (I_{rms}) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (I_{sat}) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	4.20±0.30
B	4.20±0.30
C	2.80±0.20
D	1.30±0.30

Units: mm

■ Specifications

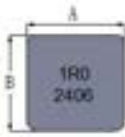
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM0403SV-R22MG-D	0.22	±20	1V/100K	2.0	2.4	30.0	26.0	27.2	24.7
TMIM0403SV-R47MG-D	0.47	±20	1V/100K	3.5	4.1	21.0	18.0	21.0	19.0
TMIM0403SV-R68MG-D	0.68	±20	1V/100K	4.4	5.2	19.0	16.0	18.0	16.0
TMIM0403SV-1R0MG-D	1.00	±20	1V/100K	6.5	7.8	12.5	11.0	12.5	10.0
TMIM0403SV-1R5MG-D	1.50	±20	1V/100K	9.5	11.4	10.5	9.5	11.0	10.0
TMIM0403SV-2R2MG-D	2.20	±20	1V/100K	14.5	17.4	8.5	7.5	10.5	9.5
TMIM0403SV-3R3MG-D	3.30	±20	1V/100K	17.2	20.7	7.5	6.5	10.0	9.0
TMIM0403SV-4R7MG-D	4.70	±20	1V/100K	27.0	32.4	5.8	5.1	6.6	5.9

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	5.50 ± 0.20
B	5.30 ± 0.20
C	2.20 ± 0.20
D	1.80 ± 0.30

Units: mm

■ Specifications

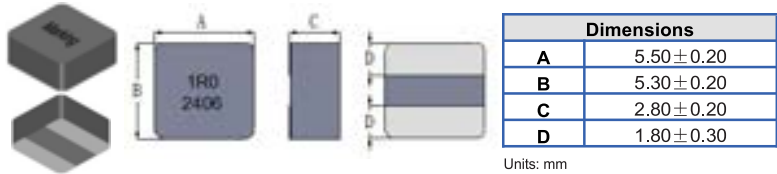
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM0524SV-R15MG-D	0.15	±20	1V/100K	1.2	1.5	44.0	40.0	38.0	35.0
TMIM0524SV-R30MG-D	0.30	±20	1V/100K	2.0	2.4	30.0	27.0	27.0	25.0
TMIM0524SV-R33MG-D	0.33	±20	1V/100K	2.1	2.5	28.0	26.0	25.0	23.0
TMIM0524SV-R47MG-D	0.47	±20	1V/100K	2.6	3.2	22.0	20.0	18.0	16.0
TMIM0524SV-R56MG-D	0.56	±20	1V/100K	3.0	3.6	20.0	18.0	18.0	16.0
TMIM0524SV-R68MG-D	0.68	±20	1V/100K	4.0	4.8	18.0	16.0	16.0	14.0
TMIM0524SV-1R0MG-D	1.00	±20	1V/100K	5.7	6.9	15.0	13.0	14.0	12.0
TMIM0524SV-1R5MG-D	1.50	±20	1V/100K	8.0	9.6	12.5	11.0	12.5	11.0
TMIM0524SV-2R2MG-D	2.20	±20	1V/100K	13.0	15.6	10.5	9.5	10.5	9.5
TMIM0524SV-3R3MG-D	3.30	±20	1V/100K	18.0	21.6	9.0	8.0	9.0	8.0
TMIM0524SV-4R7MG-D	4.70	±20	1V/100K	26.0	31.2	7.0	6.3	7.0	6.3

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

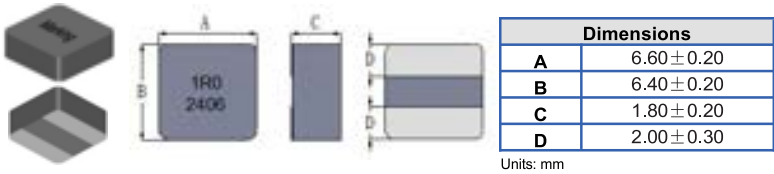
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM0503SV-R10MG-D02	0.10	±20	1V/100K	0.66	0.76	73.0	65.0	52.0	44.0
TMIM0503SV-R15MG-D02	0.15	±20	1V/100K	0.85	0.96	48.0	44.0	42.0	38.0
TMIM0503SV-R18MG-D02	0.18	±20	1V/100K	1.10	1.32	40.0	35.0	35.0	32.0
TMIM0503SV-R20MG-D02	0.20	±20	1V/100K	1.30	1.60	38.0	33.0	33.0	30.0
TMIM0503SV-R22MG-D02	0.22	±20	1V/100K	1.30	1.60	34.0	30.0	31.0	28.0
TMIM0503SV-R33MG-D02	0.33	±20	1V/100K	1.80	2.20	32.0	28.0	29.0	26.0
TMIM0503SV-R36MG-D02	0.36	±20	1V/100K	1.90	2.30	30.0	26.0	27.0	24.5
TMIM0503SV-R47MG-D02	0.47	±20	1V/100K	2.40	2.90	28.0	24.0	24.0	22.0
TMIM0503SV-R56MG-D02	0.56	±20	1V/100K	2.70	3.30	25.0	22.0	22.0	20.0
TMIM0503SV-R68MG-D02	0.68	±20	1V/100K	3.30	4.00	24.0	21.0	20.0	18.0
TMIM0503SV-R82MG-D02	0.82	±20	1V/100K	4.10	4.90	22.0	19.0	18.0	16.5
TMIM0503SV-1R0MG-D02	1.00	±20	1V/100K	5.00	6.00	19.5	17.0	17.0	15.5
TMIM0503SV-1R5MG-D02	1.50	±20	1V/100K	7.10	8.60	17.0	15.0	14.5	13.0
TMIM0503SV-1R8MG-D02	1.80	±20	1V/100K	8.60	10.30	15.0	13.0	13.0	11.5
TMIM0503SV-2R2MG-D02	2.20	±20	1V/100K	9.80	11.80	12.0	10.5	12.0	10.5
TMIM0503SV-3R3MG-D02	3.30	±20	1V/100K	14.00	17.00	10.0	9.0	10.0	9.0
TMIM0503SV-4R7MG-D02	4.70	±20	1V/100K	22.00	26.40	9.0	8.0	9.0	8.0

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Units: mm

■ Specifications

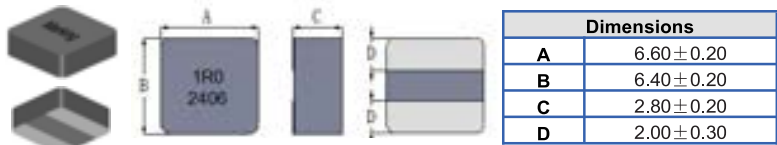
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM0602SV-R18MG-D	0.18	±20	1V/100K	1.4	1.7	36.0	32.0	35.0	31.0
TMIM0602SV-R36MG-D	0.36	±20	1V/100K	2.3	2.8	25.0	22.0	27.0	24.0
TMIM0602SV-R47MG-D	0.47	±20	1V/100K	3.3	4.0	21.0	19.0	23.0	21.0
TMIM0602SV-R56MG-D	0.56	±20	1V/100K	3.5	4.2	18.0	16.0	20.0	18.0
TMIM0602SV-R68MG-D	0.68	±20	1V/100K	3.8	4.5	17.0	15.0	19.0	17.0
TMIM0602SV-R82MG-D	0.82	±20	1V/100K	4.7	5.6	15.0	13.0	17.0	15.0
TMIM0602SV-1R0MG-D	1.00	±20	1V/100K	5.7	6.8	14.0	12.0	15.0	13.0
TMIM0602SV-1R2MG-D	1.20	±20	1V/100K	6.7	8.1	13.0	11.0	14.0	12.0
TMIM0602SV-1R5MG-D	1.50	±20	1V/100K	7.8	9.4	12.0	10.0	13.0	11.0
TMIM0602SV-1R8MG-D	1.80	±20	1V/100K	8.9	10.7	10.0	9.0	12.5	10.5
TMIM0602SV-2R2MG-D	2.20	±20	1V/100K	12.5	14.0	9.0	8.0	11.0	10.0
TMIM0602SV-3R3MG-D	3.30	±20	1V/100K	18.4	22.0	7.5	6.5	9.0	8.0
TMIM0602SV-3R8MG-D	3.80	±20	1V/100K	20.5	24.6	7.2	6.2	8.6	7.7
TMIM0602SV-4R0MG-D	4.00	±20	1V/100K	20.5	24.6	7.0	6.0	8.4	7.5
TMIM0602SV-4R7MG-D	4.70	±20	1V/100K	23.5	28.2	6.3	5.4	8.0	7.0
TMIM0602SV-5R6MG-D	5.60	±20	1V/100K	28.0	33.6	5.3	4.7	7.0	6.0

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMIM0603SV-R20MG-D	0.20	±20	1V/100K	0.95	1.15	42.0	38.0	37.0	33.0
TMIM0603SV-R22MG-D	0.22	±20	1V/100K	1.0	1.2	40.0	36.0	35.0	31.0
TMIM0603SV-R36MG-D	0.36	±20	1V/100K	1.5	1.8	32.0	29.0	30.0	26.0
TMIM0603SV-R40MG-D	0.40	±20	1V/100K	1.7	2.1	30.0	27.0	28.0	25.0
TMIM0603SV-R47MG-D	0.47	±20	1V/100K	2.0	2.4	26.0	23.0	26.0	23.0
TMIM0603SV-R62MG-D	0.62	±20	1V/100K	2.3	2.8	24.0	21.0	24.0	21.0
TMIM0603SV-R68MG-D	0.68	±20	1V/100K	2.6	3.2	23.0	20.0	23.0	20.0
TMIM0603SV-R88MG-D	0.88	±20	1V/100K	3.5	4.0	20.0	17.0	20.0	17.0
TMIM0603SV-R90MG-D	0.90	±20	1V/100K	3.5	4.0	19.0	16.0	19.0	16.0
TMIM0603SV-1R0MG-D	1.00	±20	1V/100K	3.6	4.2	18.0	15.0	18.0	15.0
TMIM0603SV-1R5MG-D	1.50	±20	1V/100K	5.5	6.4	14.0	12.0	16.0	14.0
TMIM0603SV-2R2MG-D	2.20	±20	1V/100K	8.1	9.3	11.0	9.5	14.0	12.0
TMIM0603SV-3R3MG-D	3.30	±20	1V/100K	11.5	13.3	9.0	8.0	11.5	10.0
TMIM0603SV-4R7MG-D	4.70	±20	1V/100K	16.3	18.8	7.0	6.2	10.0	9.0
TMIM0603SV-5R6MG-D	5.60	±20	1V/100K	20.5	23.6	6.5	5.8	9.0	8.0
TMIM0603SV-6R8MG-D	6.80	±20	1V/100K	26.0	30.0	6.0	5.3	8.0	7.2
TMIM0603SV-8R2MG-D	8.20	±20	1V/100K	32.0	36.8	5.5	5.0	7.0	6.0
TMIM0603SV-100MG-D	10.00	±20	1V/100K	38.0	43.7	5.0	4.5	6.0	5.3

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	3.30±0.20
B	3.10±0.20
C	0.80±0.20
D	0.80±0.30
E	1.60±0.20

Units: mm

■ Specifications

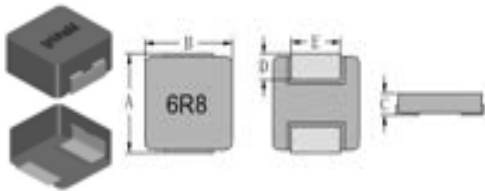
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
THMA0301SV-4R7MN	4.7	±20	1V/100K	190	238	1.9	1.7	1.5	1.3
THMA0301SV-6R8MN	6.8	±20	1V/100K	280	340	1.7	1.5	1.3	1.1
THMA0301SV-100MN	10.0	±20	1V/100K	382	420	1.4	1.2	1.2	1.1

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	4.30±0.20
B	4.10±0.20
C	0.70±0.10
D	0.80±0.25
E	2.00±0.20

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
THMA040HSV-5R6MN	5.6	±20	1V/100K	250	300	2.3	1.9	1.7	1.6
THMA040HSV-6R8MN	6.8	±20	1V/100K	260	312	2.2	1.8	1.6	1.5
THMA040HSV-100MN	10.0	±20	1V/100K	349	384	1.6	1.4	1.4	1.2

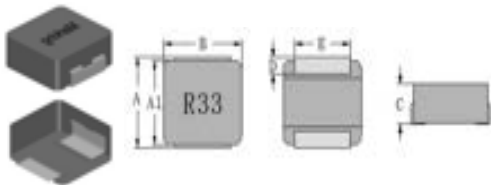
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

THMA0421SPV Series (1716 inch -55 ~+165℃)



■ Dimensions



Dimensions	
A	4.20±0.30
A1	4.00±0.30
B	4.10±0.20
C	1.90±0.20
D	0.80±0.30
E	3.00±0.20

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
THMA0421SPV-R10MN	0.10	±20	1V/100K	1.6	2.0	26.0	23.0	24.0	22.0
THMA0421SPV-R15MN	0.15	±20	1V/100K	2.9	3.5	22.0	20.0	18.0	16.0
THMA0421SPV-R22MN	0.22	±20	1V/100K	4.1	4.9	16.0	13.0	16.0	14.0
THMA0421SPV-R33MN	0.33	±20	1V/100K	4.8	5.8	13.5	11.5	15.0	13.0
THMA0421SPV-R47MN	0.47	±20	1V/100K	6.0	7.0	11.0	9.5	13.0	11.0
THMA0421SPV-R56MN	0.56	±20	1V/100K	6.5	7.8	10.2	8.7	12.0	10.5
THMA0421SPV-R68MN	0.68	±20	1V/100K	7.6	8.8	9.5	8.2	11.0	10.0
THMA0421SPV-1R0MN	1.0	±20	1V/100K	9.5	11.0	8.0	7.0	10.0	9.5
THMA0421SPV-1R5MN	1.5	±20	1V/100K	14.0	16.0	6.8	6.2	8.5	7.8
THMA0421SPV-2R2MN	2.2	±20	1V/100K	20.9	23.0	5.5	4.8	7.5	6.8
THMA0421SPV-3R3MN	3.3	±20	1V/100K	38.0	45.6	5.0	4.4	5.6	5.2
THMA0421SPV-4R7MN	4.7	±20	1V/100K	54.0	64.8	4.2	3.7	4.5	4.0
THMA0421SPV-5R6MN	5.6	±20	1V/100K	63.0	75.6	3.5	3.1	4.1	3.6
THMA0421SPV-6R8MN	6.8	±20	1V/100K	80.5	92.5	3.1	2.8	3.5	3.0
THMA0421SPV-8R2MN	8.2	±20	1V/100K	103.0	118.5	2.9	2.6	3.2	2.8
THMA0421SPV-100MN	10.0	±20	1V/100K	115.0	132.0	2.7	2.4	2.8	2.5

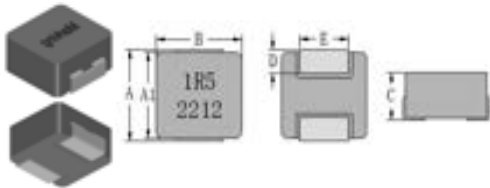
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

THMA0503SPV Series (2220 inch -55 ~+165℃)



■ Dimensions



Dimensions	
A	5.60±0.30
A1	5.10±0.30
B	5.20±0.20
C	2.80±0.20
D	1.30±0.30
E	3.00±0.30

Units: mm

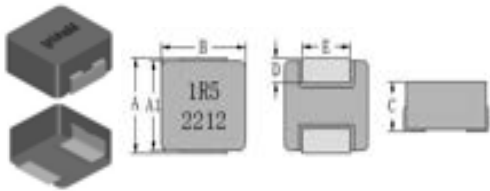
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
THMA0503SPV-R47MN-D	0.47	±20	1V/100K	3.1	3.7	14.0	12.5	18.0	16.0
THMA0503SPV-R68MN-D	0.68	±20	1V/100K	3.7	4.3	11.5	10.5	15.0	13.0
THMA0503SPV-1R0MN-D	1.0	±20	1V/100K	5.6	6.7	11.0	10.5	14.0	12.5
THMA0503SPV-1R5MN-D	1.5	±20	1V/100K	8.3	10.0	10.5	9.5	13.0	12.0
THMA0503SPV-2R2MN-D	2.2	±20	1V/100K	12.0	14.4	8.5	7.5	10.5	9.5
THMA0503SPV-3R3MN-D	3.3	±20	1V/100K	16.0	19.2	7.5	6.5	8.5	8.0
THMA0503SPV-4R7MN-D	4.7	±20	1V/100K	26.0	31.2	6.5	5.5	7.0	6.6
THMA0503SPV-5R6MN-D	5.6	±20	1V/100K	33.0	39.6	6.1	5.2	6.5	5.8
THMA0503SPV-6R8MN-D	6.8	±20	1V/100K	36.0	43.2	5.9	5.0	6.3	5.4
THMA0503SPV-8R2MN-D	8.2	±20	1V/100K	46.0	55.2	5.5	4.7	5.8	5.1
THMA0503SPV-100MN-D	10.0	±20	1V/100K	58.0	69.6	5.0	4.2	5.2	4.6
THMA0503SPV-150MN-D	15.0	±20	1V/100K	90.0	108.0	2.6	2.2	4.1	3.6
THMA0503SPV-220MN-D	22.0	±20	1V/100K	111.0	133.2	2.2	1.9	3.6	3.3

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	7.10±0.30
A1	6.60±0.20
B	6.50±0.20
C	2.80±0.20
D	1.80±0.30
E	3.00±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
THMA0603SV--R22MN-D	0.22	±20	1V/100K	1.3	1.6	35.0	30.0	36.0	32.0
THMA0603SV--R33MN-D	0.33	±20	1V/100K	1.7	2.0	23.0	20.0	32.0	28.0
THMA0603SV--R47MN-D	0.47	±20	1V/100K	2.4	2.8	22.0	19.0	27.0	23.0
THMA0603SV--R56MN-D	0.56	±20	1V/100K	2.6	3.0	19.0	16.0	23.0	20.0
THMA0603SV--R68MN-D	0.68	±20	1V/100K	3.0	3.5	16.0	14.0	21.5	19.0
THMA0603SV--R78MN-D	0.78	±20	1V/100K	3.4	4.0	15.5	13.5	20.5	18.0
THMA0603SV--R82MN-D	0.82	±20	1V/100K	3.5	4.1	15.0	13.0	20.0	17.5
THMA0603SV--1R0MN-D	1.0	±20	1V/100K	4.4	4.9	14.0	12.0	18.0	16.0
THMA0603SV--1R2MN-D	1.2	±20	1V/100K	4.6	5.1	13.0	11.0	17.0	15.0
THMA0603SV--1R5MN-D	1.5	±20	1V/100K	6.2	7.1	12.0	10.0	15.5	13.5
THMA0603SV--2R2MN-D	2.2	±20	1V/100K	7.9	9.1	9.5	8.0	13.0	11.0
THMA0603SV--3R3MN-D	3.3	±20	1V/100K	11.6	13.3	8.7	7.5	10.5	9.0
THMA0603SV--4R7MN-D	4.7	±20	1V/100K	16.6	19.1	7.0	6.0	8.5	7.5
THMA0603SV--6R8MN-D	6.8	±20	1V/100K	27.5	31.6	6.0	5.0	7.0	6.0
THMA0603SV--8R2MN-D	8.2	±20	1V/100K	35.0	40.2	4.5	4.0	6.5	5.5
THMA0603SV--100MN-D	10.0	±20	1V/100K	38.2	44.0	4.0	3.5	6.0	5.0

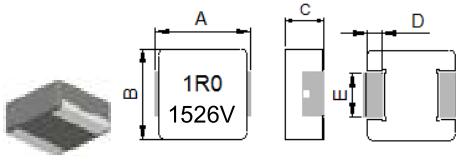
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPA0603HTV Series (2828 inch-55 ~+180℃)



■ Dimensions



Dimensions	
A	7.10±0.30
B	6.60±0.20
C	2.80±0.20
D	1.60±0.30
E	3.00±0.20

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA0603HTV-R47MN-D	0.47	±20	1V/100K	3.50	4.00	21.0	18.0	20.0	18.0
TMPA0603HTV-R56MN-D	0.56	±20	1V/100K	4.20	4.80	20.0	17.0	19.0	17.0
TMPA0603HTV-R68MN-D	0.68	±20	1V/100K	4.80	5.60	19.0	16.5	17.0	15.5
TMPA0603HTV-R82MN-D	0.82	±20	1V/100K	5.70	6.80	18.0	16.0	16.0	14.0
TMPA0603HTV-1R0MN-D	1.00	±20	1V/100K	6.60	8.00	16.0	14.0	15.0	13.0
TMPA0603HTV-1R5MN-D	1.50	±20	1V/100K	11.2	13.2	14.0	12.0	13.0	11.0
TMPA0603HTV-2R2MN-D	2.20	±20	1V/100K	13.7	15.8	13.0	11.0	11.0	9.00
TMPA0603HTV-3R3MN-D	3.30	±20	1V/100K	21.5	25.8	9.50	8.30	9.00	7.30
TMPA0603HTV-4R7MN-D	4.70	±20	1V/100K	32.0	37.0	8.50	7.00	7.00	6.00
TMPA0603HTV-5R6MN-D	5.60	±20	1V/100K	36.0	42.0	7.20	6.00	6.50	5.50
TMPA0603HTV-6R8MN-D	6.80	±20	1V/100K	43.0	50.0	6.50	5.50	6.00	5.00
TMPA0603HTV-100MN-D	10.0	±20	1V/100K	62.0	68.0	5.00	4.20	5.00	4.20
TMPA0603HTV-150MN-D	15.0	±20	1V/100K	95.0	114	3.20	2.80	4.10	3.50
TMPA0603HTV-220MN-D	22.0	±20	1V/100K	140	168	3.00	2.60	3.40	2.80

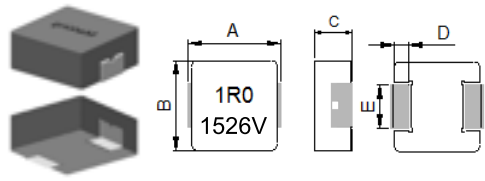
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPA1004HTV Series (4343 inch -55~+180℃)



■ Dimensions



Dimensions	
A	11.0±0.30
B	10.0±0.30
C	3.80±0.20
D	2.00±0.30
E	3.00±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA1004HTV-1R0MN-D	1.00	±20	1V/100K	2.80	3.07	29.0	26.0	27.0	24.0
TMPA1004HTV-1R5MN-D	1.50	±20	1V/100K	4.20	4.50	27.0	24.0	22.0	19.0
TMPA1004HTV-2R2MN-D	2.20	±20	1V/100K	6.50	7.20	21.0	18.0	18.0	15.0
TMPA1004HTV-3R3MN-D	3.30	±20	1V/100K	10.2	11.8	18.0	16.0	15.0	12.0
TMPA1004HTV-4R7MN-D	4.70	±20	1V/100K	14.3	15.3	15.0	13.0	13.0	10.0
TMPA1004HTV-5R6MN-D	5.60	±20	1V/100K	15.5	17.5	13.0	11.0	12.0	9.60
TMPA1004HTV-6R8MN-D	6.80	±20	1V/100K	20.2	22.3	11.0	10.0	10.5	9.00
TMPA1004HTV-100MN-D	10.0	±20	1V/100K	29.3	33.0	9.00	8.00	8.00	7.00
TMPA1004HTV-150MN-D	15.0	±20	1V/100K	45.0	50.0	7.60	6.50	7.00	6.00
TMPA1004HTV-220MN-D	22.0	±20	1V/100K	64.0	72.0	6.50	5.70	6.00	5.00
TMPA1004HTV-330MN-D	33.0	±20	1V/100K	110.0	117.7	5.30	4.50	5.00	4.20
TMPA1004HTV-470MN-D	47.0	±20	1V/100K	145.0	167.0	4.50	4.00	4.00	3.40
TMPA1004HTV-680MN-D	68.0	±20	1V/100K	210.0	240.0	3.50	2.80	3.50	3.00

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPA1265HTV Series (5353 inch -55 ~+180℃)



■ Dimensions

leadframe

non-leadframe

Dimensions	
A	13.5±0.50
B	12.6±0.20
C	6.20±0.30
D	2.30±0.30
E	See Spec

Units: mm

■ Specifications

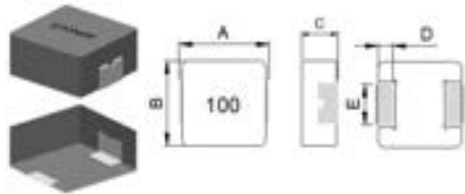
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA1265HTV-R22MN-D	0.22	±20	1V/100K	0.40	0.46	75.00	70.00	45.00	40.00
TMPA1265HTV-R33MN-D	0.33	±20	1V/100K	0.55	0.62	68.00	63.00	43.00	37.00
TMPA1265HTV-R47MN-D	0.47	±20	1V/100K	0.80	0.90	65.00	60.00	40.00	35.00
TMPA1265HTV-1R0MN-D	1.00	±20	1V/100K	1.40	1.70	37.00	33.00	35.00	30.00
TMPA1265HTV-1R2MN-D	1.20	±20	1V/100K	1.70	2.00	35.00	32.00	30.00	25.00
TMPA1265HTV-1R5MN-D	1.50	±20	1V/100K	2.20	2.53	31.00	27.00	27.00	23.00
TMPA1265HTV-2R2MN-D	2.20	±20	1V/100K	3.20	3.70	27.00	23.00	25.00	22.00
TMPA1265HTV-3R3MN-D	3.30	±20	1V/100K	4.80	5.60	24.00	21.00	22.00	20.00
TMPA1265HTV-4R7MN-D	4.70	±20	1V/100K	6.70	7.70	22.00	20.00	19.00	17.00
TMPA1265HTV-5R6MN-D	5.60	±20	1V/100K	8.00	9.20	20.00	18.00	17.00	15.00
TMPA1265HTV-6R8MN-D	6.80	±20	1V/100K	10.30	12.00	17.00	15.00	15.00	13.00
TMPA1265HTV-8R2MN-D	8.20	±20	1V/100K	11.80	13.60	16.00	14.00	13.00	12.00
TMPA1265HTV-100MN-D	10.00	±20	1V/100K	13.80	16.00	15.00	13.00	12.00	11.00
TMPA1265HTV-120MN-D	12.00	±20	1V/100K	17.30	20.00	12.50	11.50	11.00	10.00
TMPA1265HTV-150MN-D	15.00	±20	1V/100K	21.00	25.00	12.00	11.00	9.50	8.50
TMPA1265HTV-220MN-D	22.00	±20	1V/100K	30.00	35.00	9.00	8.00	8.50	7.50
TMPA1265HTV-330MN-D	33.00	±20	1V/100K	46.00	55.00	8.00	7.00	7.60	6.50

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPA0402SPV Series (1816 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	4.45±0.25
B	4.10±0.20
C	1.80±0.20
D	0.80±0.25
E	2.00±0.20

Units: mm

■ Specifications

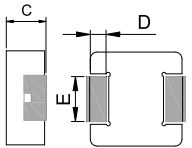
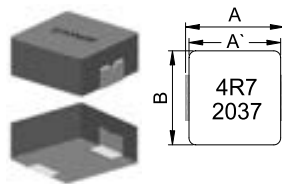
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA0402SPV-R10MN	0.10	±20	1V/100K	2.9	3.2	26.0	22.0	16.0	14.0
TMPA0402SPV-R22MN	0.22	±20	1V/100K	4.8	5.5	15.0	13.0	14.0	12.5
TMPA0402SPV-R33MN	0.33	±20	1V/100K	7.5	8.3	10.5	9.5	12.0	11.0
TMPA0402SPV-R47MN	0.47	±20	1V/100K	9.5	11.0	9.0	8.0	10.0	9.0
TMPA0402SPV-R68MN	0.68	±20	1V/100K	11.6	13.5	7.6	6.6	9.0	8.0
TMPA0402SPV-R82MN	0.82	±20	1V/100K	16.3	18.8	6.0	5.5	8.0	7.0
TMPA0402SPV-1R0MN	1.00	±20	1V/100K	19.0	22.0	5.5	5.0	7.5	6.5
TMPA0402SPV-1R2MN	1.20	±20	1V/100K	21.0	25.0	5.4	4.9	7.0	6.2
TMPA0402SPV-1R5MN	1.50	±20	1V/100K	27.0	31.0	5.2	4.8	6.7	5.8
TMPA0402SPV-2R2MN	2.20	±20	1V/100K	41.0	48.0	4.5	4.0	5.5	5.0
TMPA0402SPV-3R3MN	3.30	±20	1V/100K	65.0	75.0	3.1	2.7	4.5	3.5
TMPA0402SPV-4R7MN	4.70	±20	1V/100K	84.0	95.0	2.8	2.5	3.8	3.2
TMPA0402SPV-5R6MN	5.60	±20	1V/100K	97.0	115	2.6	2.3	3.2	2.8
TMPA0402SPV-6R8MN	6.80	±20	1V/100K	131	157	2.4	2.1	2.9	2.5
TMPA0402SPV-8R2MN	8.20	±20	1V/100K	140	168	2.2	2.0	2.6	2.3
TMPA0402SPV-100MN	10.00	±20	1V/100K	165	215	2.1	1.9	2.4	2.2

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	5.70±0.30
A'	5.20±0.30
B	5.20±0.20
C	2.80±0.20
D	1.00±0.30
E	2.00±0.20

Units: mm

■ Specifications

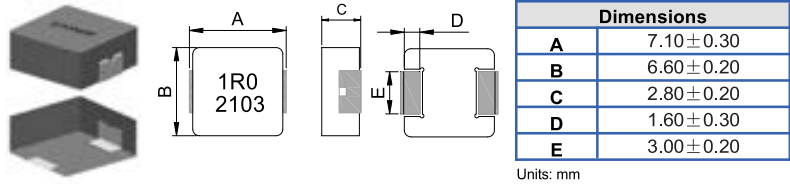
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA0503SV-R10MN-D	0.10	±20	1V/100K	2.0	2.2	33.0	29.0	26.0	23.0
TMPA0503SV-R47MN-D	0.47	±20	1V/100K	5.2	6.0	10.0	9.0	13.5	12.0
TMPA0503SV-R68MN-D	0.68	±20	1V/100K	7.4	8.5	9.0	8.0	12.5	11.0
TMPA0503SV-R82MN-D	0.82	±20	1V/100K	8.0	9.2	8.8	7.7	10.0	9.0
TMPA0503SV-1R0MN-D	1.00	±20	1V/100K	10.5	12.0	8.5	7.5	9.0	8.0
TMPA0503SV-1R5MN-D	1.50	±20	1V/100K	13.6	15.7	7.5	6.5	8.0	7.0
TMPA0503SV-2R2MN-D	2.20	±20	1V/100K	21.6	25	6.5	5.8	7.0	6.5
TMPA0503SV-3R3MN-D	3.30	±20	1V/100K	28.0	33	6.0	5.3	6.3	5.8
TMPA0503SV-4R7MN-D	4.70	±20	1V/100K	38.0	44	5.3	4.6	5.5	4.8
TMPA0503SV-5R6MN-D	5.60	±20	1V/100K	50.0	58	4.6	4.0	5.0	4.3
TMPA0503SV-6R8MN-D	6.80	±20	1V/100K	57.0	66	3.5	3.1	4.3	3.7
TMPA0503SV-100MN-D	10.0	±20	1V/100K	88.0	103	2.5	2.1	3.8	3.4
TMPA0503SV-150MN-D	15.0	±20	1V/100K	140.0	170	2.2	1.7	2.9	2.5
TMPA0503SV-220MN-D	22.0	±20	1V/100K	190.0	228	2.0	1.7	2.4	2.0
TMPA0503SV-330MN-D	33.0	±20	1V/100K	280.0	336	1.7	1.5	2.1	1.8

Note:

- 1.Heat Rated Current (I rms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

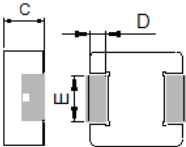
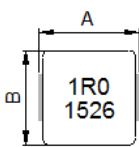
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA0603SV-R10YN-D	0.10	±30	1V/100K	1.10	1.30	45.00	40.00	35.00	30.00
TMPA0603SV-R15YN-D	0.15	±30	1V/100K	1.70	2.10	40.00	36.00	30.00	25.00
TMPA0603SV-R22MN-D	0.22	±20	1V/100K	2.00	2.50	34.00	32.00	23.00	21.00
TMPA0603SV-R33MN-D	0.33	±20	1V/100K	2.80	3.40	25.00	22.00	21.00	20.00
TMPA0603SV-R47MN-D	0.47	±20	1V/100K	3.40	4.00	20.00	18.00	18.00	16.00
TMPA0603SV-R56MN-D	0.56	±20	1V/100K	3.90	4.50	18.00	16.00	16.50	15.00
TMPA0603SV-R68MN-D	0.68	±20	1V/100K	4.70	5.30	17.00	15.00	16.00	14.50
TMPA0603SV-1R0MN-D	1.00	±20	1V/100K	6.70	7.40	15.00	13.50	12.00	11.00
TMPA0603SV-1R5MN-D	1.50	±20	1V/100K	10.20	12.10	14.00	12.00	10.00	9.00
TMPA0603SV-2R2MN-D	2.20	±20	1V/100K	13.50	15.00	10.00	9.00	8.00	7.50
TMPA0603SV-3R3MN-D	3.30	±20	1V/100K	19.00	22.00	9.50	8.50	6.50	6.00
TMPA0603SV-4R7MN-D	4.70	±20	1V/100K	28.00	33.00	6.50	5.50	5.50	5.00
TMPA0603SV-5R6MN-D	5.60	±20	1V/100K	39.00	42.00	6.00	5.20	5.50	5.00
TMPA0603SV-6R8MN-D	6.80	±20	1V/100K	43.00	50.00	6.00	5.00	4.50	4.20
TMPA0603SV-8R2MN-D	8.20	±20	1V/100K	54.00	60.00	6.00	4.70	4.50	4.00
TMPA0603SV-100MN-D	10.00	±20	1V/100K	62.00	68.00	5.50	4.50	4.00	3.50
TMPA0603SV-150MN-D	15.00	±20	1V/100K	110.0	140.0	4.50	4.00	3.00	2.50
TMPA0603SV-220MN-D	22.00	±20	1V/100K	150.0	190.0	3.00	2.50	2.50	2.00
TMPA0603SV-330MN-D	33.00	±20	1V/100K	215.0	258.0	2.50	2.00	2.10	1.80

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	7.10±0.30
B	6.60±0.20
C	3.80±0.20
D	1.60±0.30
E	3.00±0.20

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA0604SV-R33MN-D	0.33	±20	1V/100K	2.20	2.50	28.0	25.0	25.0	23.0
TMPA0604SV-R45MN-D	0.45	±20	1V/100K	2.80	3.20	21.0	18.0	20.0	18.0
TMPA0604SV-R56MN-D	0.56	±20	1V/100K	3.40	3.70	20.0	17.0	19.0	16.0
TMPA0604SV-1R0MN-D	1.00	±20	1V/100K	5.60	6.20	15.0	13.5	15.0	13.0
TMPA0604SV-6R8MN-D	6.80	±20	1V/100K	31.0	38.0	6.80	5.80	7.60	6.60

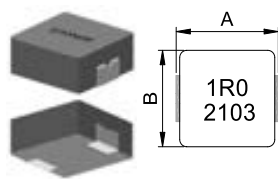
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPA0605SV Series (2926 inch -55~+155℃)



■ Dimensions



Dimensions	
A	7.30±0.30
B	6.60±0.20
C	4.80±0.20
D	1.60±0.30
E	3.00±0.20

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA0605SV-R15MN-D	0.15	±20	1V/100K	1.3	1.7	45.0	40.0	35.0	32.0
TMPA0605SV-R22MN-D	0.22	±20	1V/100K	1.7	2.2	40.0	35.0	30.0	26.0
TMPA0605SV-R33MN-D	0.33	±20	1V/100K	1.9	2.4	25.0	23.0	26.0	24.0
TMPA0605SV-R47MN-D	0.47	±20	1V/100K	2.9	3.3	22.0	20.0	22.0	20.0
TMPA0605SV-R56MN-D	0.56	±20	1V/100K	3.4	3.9	21.0	18.0	21.0	19.0
TMPA0605SV-R68MN-D	0.68	±20	1V/100K	3.6	4.1	20.0	17.0	20.0	18.0
TMPA0605SV-R82MN-D	0.82	±20	1V/100K	5.3	5.9	18.0	15.0	18.0	16.0
TMPA0605SV-1R0MN-D	1.00	±20	1V/100K	5.6	6.2	16.0	13.0	17.0	15.0
TMPA0605SV-1R2MN-D	1.20	±20	1V/100K	6.4	7.1	14.0	11.0	16.0	14.0
TMPA0605SV-1R5MN-D	1.50	±20	1V/100K	6.6	7.3	13.0	10.5	15.0	13.0
TMPA0605SV-1R8MN-D	1.80	±20	1V/100K	7.6	9.0	11.0	9.0	14.5	12.5
TMPA0605SV-2R2MN-D	2.20	±20	1V/100K	10.0	11.5	10.0	8.5	14.0	12.0
TMPA0605SV-2R5MN-D	2.50	±20	1V/100K	10.5	12.1	9.8	8.3	13.6	11.6
TMPA0605SV-3R3MN-D	3.30	±20	1V/100K	14.0	16.2	9.5	8.0	13.0	11.0
TMPA0605SV-4R7MN-D	4.70	±20	1V/100K	20.8	24.0	8.8	7.5	11.0	9.5
TMPA0605SV-5R6MN-D	5.60	±20	1V/100K	28.0	33.0	8.0	7.2	10.0	8.5
TMPA0605SV-6R8MN-D	6.80	±20	1V/100K	30.0	36.0	7.6	7.0	9.0	8.0

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPA0605SV Series (2926 inch -55 ~+155℃)



■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA0605S-V8R2MN-D	8.2	±20	1V/1MHz	38.5	45.0	6.5	6.0	7.5	6.5
TMPA0605SV-100MN-D	10.0	±20	1V/1MHz	44.0	53.0	6.0	5.7	7.0	6.0
TMPA0605SV-120MN-D	12.0	±20	1V/1MHz	56.0	68.0	5.1	4.7	5.8	4.8
TMPA0605SV-150MN-D	15.0	±20	1V/1MHz	73.0	85.0	4.0	3.2	5.0	4.0
TMPA0605SV-220MN-D	22.0	±20	1V/1MHz	122.0	142.0	3.6	3.1	4.2	3.6
TMPA0605SV-330MN-D	33.0	±20	1V/1MHz	142.0	170.0	2.3	1.8	3.0	2.5
TMPA0605SV-470MN-D	47.0	±20	1V/1MHz	275.0	320.0	1.8	1.5	2.6	2.0
TMPA0605SV-101MN-D	100.0	±20	1V/1MHz	432.0	520.0	1.2	1.0	1.8	1.4

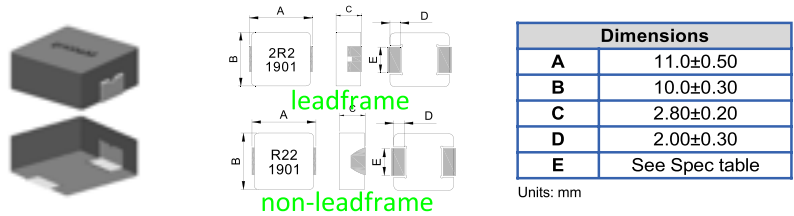
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPA1003SV Series (4343 inch -55~+155℃)



■ Dimensions



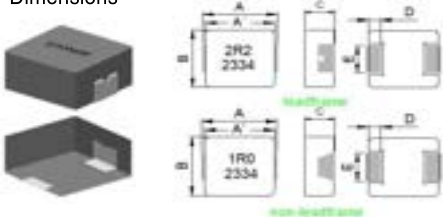
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA1003SV-R22MN-D	0.22	±20	1V/100K	0.90	1.00	50.0	45.0	33.0	30.0
TMPA1003SV-R36MN-D	0.36	±20	1V/100K	1.25	1.40	40.0	35.0	28.0	25.0
TMPA1003SV-R47MN-D	0.47	±20	1V/100K	1.80	2.20	36.0	32.0	26.0	23.0
TMPA1003SV-R82MN-D	0.82	±20	1V/100K	3.10	3.70	28.0	25.0	20.0	18.0
TMPA1003SV-2R2MN-D	2.20	±20	1V/100K	7.80	8.80	18.0	16.0	14.0	12.0
TMPA1003SV-8R2MN-D	8.20	±20	1V/100K	32.0	38.0	7.20	6.80	7.20	6.50

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	11.0±0.30
A'	10.0±0.30
B	10.0±0.30
C	3.80±0.20
D	2.00±0.30
E	See Spec table

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA1004SV-R15YN-D	0.15	±30	1V/100K	0.5	0.6	82.0	75.0	44.0	38.0
TMPA1004SV-R22MN-D	0.22	±20	1V/100K	0.72	0.83	70.0	60.0	36.0	33.0
TMPA1004SV-R47MN-D	0.47	±20	1V/100K	1.3	1.5	46.0	40.0	32.0	28.0
TMPA1004SV-R56MN-D	0.56	±20	1V/100K	1.6	1.8	34.0	29.0	25.0	23.0
TMPA1004SV-R68MN-D	0.68	±20	1V/100K	1.9	2.2	31.0	28.0	23.0	20.0
TMPA1004SV-1R0MN-D	1.00	±20	1V/100K	2.9	3.25	29.0	26.0	20.0	18.0
TMPA1004SV-1R5MN-D	1.50	±20	1V/100K	3.7	4.2	26.0	22.0	17.5	16.0
TMPA1004SV-2R2MN-D	2.20	±20	1V/100K	5.8	6.7	20.0	16.0	15.0	13.0
TMPA1004SV-3R3MN-D	3.30	±20	1V/100K	10.5	11.8	17.5	14.0	11.0	10.0
TMPA1004SV-4R7MN-D	4.70	±20	1V/100K	15.8	19	15.2	13.0	8.8	8.0
TMPA1004SV-5R6MN-D	5.60	±20	1V/100K	19	22.8	14.1	11.5	8.0	7.2
TMPA1004SV-6R8MN-D	6.80	±20	1V/100K	22	24.5	12.2	11.0	7.8	6.8
TMPA1004SV-8R2MN-D	8.20	±20	1V/100K	25	28	9.5	8.5	7.6	6.5
TMPA1004SV-100MN-D	10.0	±20	1V/100K	27	30	8.6	7.5	7.5	6.1

Note:

- 1.Heat Rated Current (I rms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPA1004SV Series (4340 inch -55 ~+155℃)



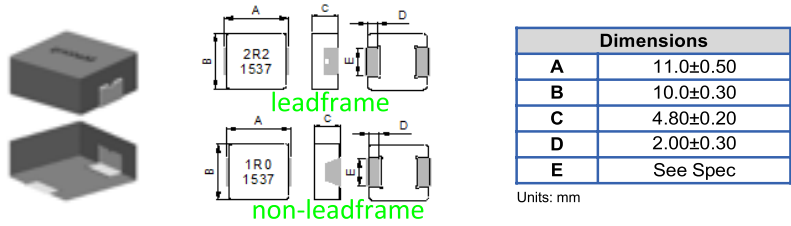
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA1004SV-150MN-D	15.0	±20	1V/100K	41	45	7.0	6.0	6.25	5.0
TMPA1004SV-220MN-D	22.0	±20	1V/100K	58	66	6.2	5.5	5.0	4.1
TMPA1004SV-330MN-D	33.0	±20	1V/100K	84	91	5.5	5.0	4.4	3.5
TMPA1004SV-470MN-D	47.0	±20	1V/100K	125	143	4.0	3.7	3.5	3.0
TMPA1004SV-680MN-D	68.0	±20	1V/100K	184	210	3.2	3.0	2.6	2.4
TMPA1004SV-820MN-D	82.0	±20	1V/100K	240	270	3.0	2.8	2.3	2.1
TMPA1004SV-101MN-D	100	±20	1V/100K	270	310	2.7	2.4	2.0	1.8

Note:
1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

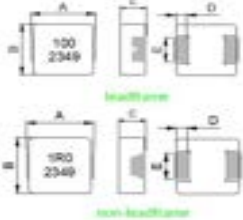
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA1005SV-R30MN-D	0.30	±20	1V/100K	0.67	0.80	55.0	49.0	36.0	32.0
TMPA1005SV-R36MN-D	0.36	±20	1V/100K	0.82	0.92	52.0	46.0	34.0	30.0
TMPA1005SV-R47MN-D	0.47	±20	1V/100K	1.15	1.32	46.0	40.0	33.0	29.0
TMPA1005SV-R68MN-D	0.68	±20	1V/100K	1.60	1.90	35.0	32.0	28.0	25.0
TMPA1005SV-1R0MN-D	1.00	±20	1V/100K	2.60	3.00	33.0	30.0	25.0	23.0
TMPA1005SV-1R5MN-D	1.50	±20	1V/100K	3.40	3.80	27.0	24.0	23.0	21.0
TMPA1005SV-2R2MN-D	2.20	±20	1V/100K	5.10	5.60	20.0	18.0	19.5	17.5
TMPA1005SV-3R3MN-D	3.30	±20	1V/100K	8.10	9.10	17.5	15.5	17.0	15.0
TMPA1005SV-4R7MN-D	4.70	±20	1V/100K	9.30	10.5	16.0	14.0	15.0	13.0
TMPA1005SV-5R6MN-D	5.60	±20	1V/100K	12.8	14.4	15.0	12.5	13.0	11.0
TMPA1005SV-6R8MN-D	6.80	±20	1V/100K	15.0	17.3	14.0	12.0	12.0	10.0
TMPA1005SV-8R2MN-D	8.20	±20	1V/100K	16.1	18.8	13.5	11.5	10.0	8.50
TMPA1005SV-100MN-D	10.0	±20	1V/100K	18.9	21.8	13.0	11.0	7.60	7.20
TMPA1005SV-150MN-D	15.0	±20	1V/100K	32.0	39.0	8.50	7.50	6.50	6.00
TMPA1005SV-330MN-D	33.0	±20	1V/100K	74.0	86.0	5.80	5.20	5.50	5.00
TMPA1005SV-220MN-D	22.0	±20	1V/100K	44.0	54.0	6.00	5.50	6.00	5.50
TMPA1005SV-470MN-D	47.0	±20	1V/100K	106	127	3.50	4.00	4.50	4.00
TMPA1005SV-101MN-D	100	±20	1V/100K	242	290	2.80	2.40	2.20	2.00

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPA1205SPV Series (5350 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	13.50±0.50
B	12.60±0.20
C	4.70±0.30
D	2.30±0.30
E	See Spec table

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA1205SPV-R10YN-D	0.10	±30	1V/100K	0.28	0.32	95	85	57	52
TMPA1205SPV-R22MN-D	0.22	±20	1V/100K	0.50	0.61	65	60	55	50
TMPA1205SPV-R33MN-D	0.33	±20	1V/100K	0.65	0.80	65	59	42	37
TMPA1205SPV-R47MN-D	0.47	±20	1V/100K	0.77	0.90	65	58	38	34
TMPA1205SPV-R56MN-D	0.56	±20	1V/100K	1.10	1.30	57	50	36	32.5
TMPA1205SPV-R68MN-D	0.68	±20	1V/100K	1.30	1.55	50	42	34	31
TMPA1205SPV-R82MN-D	0.82	±20	1V/100K	1.40	1.70	44	38	32	29
TMPA1205SPV-1R0MN-D	1.00	±20	1V/100K	1.60	1.90	40	34	30	27
TMPA1205SPV-1R5MN-D	1.50	±20	1V/100K	3.20	3.80	31	28	25	22
TMPA1205SPV-2R2MN-D	2.20	±20	1V/100K	4.10	4.80	26	23	17	15.5
TMPA1205SPV-3R3MN-D	3.30	±20	1V/100K	6.00	7.00	23	20.5	15.5	14
TMPA1205SPV-4R7MN-D	4.70	±20	1V/100K	8.80	10.2	18.5	16	14	12.5
TMPA1205SPV-5R6MN-D	5.60	±20	1V/100K	10.0	12.0	17.5	15.5	13	12
TMPA1205SPV-6R8MN-D	6.80	±20	1V/100K	13.0	16.0	16.5	15	12	11
TMPA1205SPV-8R2MN-D	8.20	±20	1V/100K	15.0	18.0	13.5	12	11	10

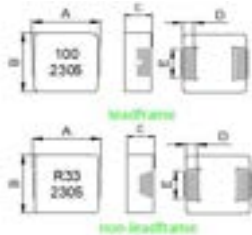
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPA1206SPV Series (5350 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	13.5±0.5
B	12.6±0.2
C	5.7±0.3
D	2.3±0.3
E	See Spec table

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA1206SPV-R33MN-D	0.33	±20	1V/100K	0.55	0.66	70.0	62.0	63.0	52.0
TMPA1206SPV-1R0MN-D	1.00	±20	1V/100K	1.70	2.00	34.0	29.0	30.0	26.0
TMPA1206SPV-1R5MN-D	1.50	±20	1V/100K	2.40	3.00	32.0	27.0	28.0	24.0
TMPA1206SPV-2R2MN-D	2.20	±20	1V/100K	3.7	4.3	28.0	24.0	25.0	21.0
TMPA1206SPV-3R3MN-D	3.30	±20	1V/100K	5.3	6.5	28.0	24.0	21.0	18.0
TMPA1206SPV-4R7MN-D	4.70	±20	1V/100K	7.0	8.4	23.0	19.5	19.0	16.0
TMPA1206SPV-5R6MN-D	5.60	±20	1V/100K	9.0	10.8	19.0	17.0	16.0	14.0
TMPA1206SPV-8R2MN-D	8.20	±20	1V/100K	13.5	16.0	17.0	15.5	13.5	12.0
TMPA1206SPV-100MN-D	10.0	±20	1V/100K	15.5	18.6	16.0	14.5	12.0	10.5
TMPA1206SPV-150MN-D	15.0	±20	1V/100K	24	29.0	10.0	9.0	10.0	8.5
TMPA1206SPV-220MN-D	22.0	±20	1V/100K	31.2	37.5	9.0	8.0	8.0	7.0
TMPA1206SPV-330MN-D	33.0	±20	1V/100K	56	68	7.8	6.7	6.5	5.5
TMPA1206SPV-470MN-D	47.0	±20	1V/100K	76	88	6.7	5.5	5.2	4.5
TMPA1206SPV-560MN-D	56.0	±20	1V/100K	90	108	6.3	5.3	4.9	4.1
TMPA1206SPV-680MN-D	68.0	±20	1V/100K	103	124	5.8	5.0	4.5	3.7
TMPA1206SPV-101MN-D	100	±20	1V/100K	162	195	5.0	4.0	3.2	2.8
TMPA1206SPV-151MN-D	150	±20	1V/100K	270	325	4.1	3.2	2.6	2.2

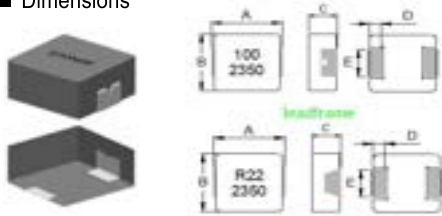
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPA1265SPV Series (5350 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	13.50±0.50
B	12.60±0.20
C	6.20±0.30
D	2.30±0.30
E	See Spec table

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA1265SPV-R10YN-D	0.10	±30	1V/100K	0.20	0.25	120	115	65	60
TMPA1265SPV-R22MN-D	0.22	±20	1V/100K	0.40	0.46	112	105	53	42
TMPA1265SPV-R33MN-D	0.33	±20	1V/100K	0.60	0.70	75	65	46	36
TMPA1265SPV-R47MN-D	0.47	±20	1V/100K	0.88	1.02	68	58	42	35
TMPA1265SPV-R56MN-D	0.56	±20	1V/100K	1.10	1.30	57	50	37	33.5
TMPA1265SPV-R68MN-D	0.68	±20	1V/100K	1.25	1.50	55	46	36.5	33
TMPA1265SPV-1R0MN-D	1.00	±20	1V/100K	1.50	1.80	45	36	33	29
TMPA1265SPV-1R5MN-D	1.50	±20	1V/100K	2.20	2.53	35	30	29	25
TMPA1265SPV-2R2MN-D	2.20	±20	1V/100K	3.70	4.20	28.5	24	25	21
TMPA1265SPV-3R3MN-D	3.30	±20	1V/100K	5.30	6.20	27	22.5	22	19
TMPA1265SPV-4R7MN-D	4.70	±20	1V/100K	6.80	8.00	25	21	20	17
TMPA1265SPV-5R6MN-D	5.60	±20	1V/100K	8.30	9.80	23	19.5	18	15
TMPA1265SPV-6R8MN-D	6.80	±20	1V/100K	9.80	11.30	21	18	16.5	14
TMPA1265SPV-8R2MN-D	8.20	±20	1V/100K	12.00	13.80	19	17	15	12.5

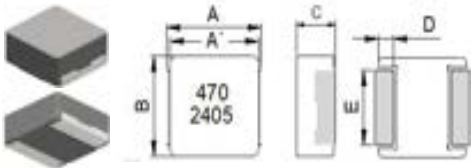
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPA1707SPV Series (7067 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	17.8±0.5
A'	16.9±0.3
B	16.9±0.3
C	6.7±0.3
D	2.3±0.3
E	11.9±0.3

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA1707SPV-R15MN-D	0.15	±20	1V/100K	0.35	0.45	140	130	70	65
TMPA1707SPV-R22MN-D	0.22	±20	1V/100K	0.45	0.55	130	120	68	63
TMPA1707SPV-R30MN-D	0.30	±20	1V/100K	0.5	0.65	120	110	63	58
TMPA1707SPV-R47MN-D	0.47	±20	1V/100K	0.7	0.9	110	100	60	55
TMPA1707SPV-R56MN-D	0.56	±20	1V/100K	0.81	0.97	80	70	56	50
TMPA1707SPV-1R0MN-D	1.00	±20	1V/100K	1.06	1.3	50	45	46	42
TMPA1707SPV-1R5MN-D	1.50	±20	1V/100K	1.5	1.8	46	40	39	35
TMPA1707SPV-2R2MN-D	2.20	±20	1V/100K	1.8	2.2	35	32	32	30
TMPA1707SPV-3R3MN-D	3.30	±20	1V/100K	2.7	3.3	32	29	30	28
TMPA1707SPV-4R7MN-D	4.70	±20	1V/100K	3.7	4.5	29	26	28	26
TMPA1707SPV-5R6MN-D	5.60	±20	1V/100K	5.0	6.0	27	23	26	23
TMPA1707SPV-6R8MN-D	6.80	±20	1V/100K	6.0	7.2	25	22	24	22
TMPA1707SPV-8R2MN-D	8.20	±20	1V/100K	7.6	9.2	23	21	22	20

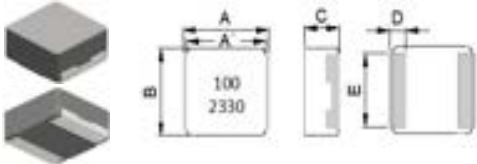
Note:

- 1.Heat Rated Current (I rms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPA2313SPV Series (9387 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	23.5±0.50
A'	22.7±0.30
B	22.0±0.30
C	12.6±0.40
D	5.0±0.40
E	19.0±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPA2313SPV-R47MN-D	0.47	±20	1V/100K	0.44	0.5	140	110	80	75
TMPA2313SPV-R68MN-D	0.68	±20	1V/100K	0.60	0.72	90	80	75	70
TMPA2313SPV-1R0MN-D	1.00	±20	1V/100K	0.80	0.95	60	54	70	65
TMPA2313SPV-1R5MN-D	1.50	±20	1V/100K	1.0	1.15	52	48	62	57
TMPA2313SPV-2R2MN-D	2.20	±20	1V/100K	1.05	1.25	48	43	58	52
TMPA2313SPV-3R3MN-D	3.30	±20	1V/100K	1.5	1.75	41	37	49	47
TMPA2313SPV-4R7MN-D	4.70	±20	1V/100K	1.9	2.2	38	34	47	44
TMPA2313SPV-5R6MN-D	5.60	±20	1V/100K	2.3	2.7	37	33	43	40
TMPA2313SPV-6R8MN-D	6.80	±20	1V/100K	2.7	3.1	36	32	40	36
TMPA2313SPV-100MN-D	10.0	±20	1V/100K	3.8	4.15	28	20	33	30
TMPA2313SPV-150MN-D	15.0	±20	1V/100K	5.1	6.12	23	18	26	23
TMPA2313SPV-220MN-D	22.0	±20	1V/100K	9.2	11	15	14	22	18
TMPA2313SPV-230MN-D	23.0	±20	1V/100K	9.2	11	15	14	22	18
TMPA2313SPV-330MN-D	33.0	±20	1V/100K	13.5	15.4	12	10.5	19	16
TMPA2313SPV-470MN-D	47.0	±20	1V/100K	17.3	20.8	12	10	17	14
TMPA2313SPV-680MN-D	68.0	±20	1V/100K	26.2	29.5	12	9	14	12
TMPA2313SPV-101MN-D	100	±20	1V/100K	36	40	9.0	7.5	11	9.5
TMPA2313SPV-151MN-D	150	±20	1V/100K	67	80	7	5.5	8	7

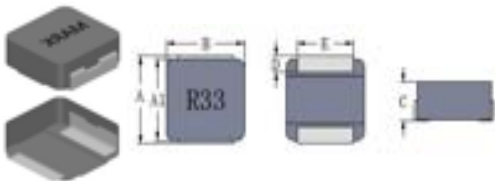
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

THMC0421SPV Series (1716 inch -55 ~+150℃)



■ Dimensions



Dimensions	
A	4.30±0.30
A1	4.10±0.30
B	4.20±0.20
C	1.90±0.20
D	0.80±0.30
E	3.00±0.20

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
THMC0421SPV-R10MG	0.10	±20	1V/100K	1.9	2.3	35.0	32.0	19.0	18.0
THMC0421SPV-R15MG	0.15	±20	1V/100K	3.1	3.8	29.0	26.0	16.5	15.0
THMC0421SPV-R22MG	0.22	±20	1V/100K	3.3	4.0	18.0	16.0	16.0	14.0
THMC0421SPV-R33MG	0.33	±20	1V/100K	5.0	5.8	15.0	13.0	15.0	13.0
THMC0421SPV-R47MG	0.47	±20	1V/100K	6.0	7.2	13.0	11.0	13.0	11.0
THMC0421SPV-R56MG	0.56	±20	1V/100K	6.8	8.2	12.0	10.5	12.0	10.5
THMC0421SPV-R68MG	0.68	±20	1V/100K	8.2	9.9	11.0	10.0	11.0	10.0
THMC0421SPV-1R0MG	1.00	±20	1V/100K	11.5	13.8	10.0	9.5	10.0	9.5
THMC0421SPV-1R5MG	1.50	±20	1V/100K	15.4	18.5	9.0	8.0	9.0	8.0
THMC0421SPV-2R2MG	2.20	±20	1V/100K	25.0	30.0	7.2	6.5	7.2	6.5
THMC0421SPV-3R3MG	3.30	±20	1V/100K	41.0	49.2	6.9	6.2	5.5	5.0
THMC0421SPV-4R7MG	4.70	±20	1V/100K	60.0	69.0	5.8	5.2	4.7	4.1
THMC0421SPV-5R6MG	5.60	±20	1V/100K	68.0	78.2	4.3	3.7	4.1	3.5
THMC0421SPV-6R8MG	6.80	±20	1V/100K	80.5	92.5	3.9	3.4	3.8	3.3
THMC0421SPV-8R2MG	8.20	±20	1V/100K	105.0	121.0	3.5	3.1	3.3	3.0
THMC0421SPV-100MG	10.00	±20	1V/100K	126.0	145.0	3.3	3.0	3.1	2.9
THMC0421SPV-120MG	12.00	±20	1V/100K	140.0	161.0	2.7	2.4	2.7	2.4
THMC0421SPV-150MG	15.00	±20	1V/100K	165.0	190.0	2.4	2.1	2.4	2.1

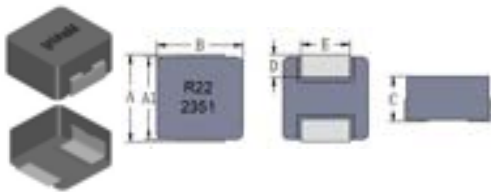
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

THMC0524SPV Series (2321 inch -55 ~+150℃)



■ Dimensions



Dimensions	
A	5.70±0.30
A1	5.20±0.30
B	5.30±0.20
C	2.20±0.20
D	1.20±0.30
E	3.00±0.20

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
THMC0524SPV-R22MG-D	0.22	±20	1V/100K	2.2	2.5	30.0	27.0	22.0	20.0
THMC0524SPV-R33MG-D	0.33	±20	1V/100K	3.0	3.3	25.0	22.0	19.0	17.0

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

THMC0503SPV Series (2321 inch -55 ~+150℃)



■ Dimensions



Dimensions	
A	5.70±0.30
A1	5.20±0.30
B	5.30±0.20
C	2.80±0.20
D	1.20±0.30
E	3.00±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
THMC0503SPV-R24MG-D	0.24	±20	1V/100K	2.5	3.0	38.0	33.0	25.0	22.5
THMC0503SPV-R33MG-D	0.33	±20	1V/100K	2.8	3.4	25.0	22.0	21.0	19.0
THMC0503SPV-R36MG-D	0.36	±20	1V/100K	2.9	3.5	24.0	21.0	20.0	18.0
THMC0503SPV-R47MG-D	0.47	±20	1V/100K	3.2	3.9	20.0	17.0	19.0	17.0
THMC0503SPV-R68MG-D	0.68	±20	1V/100K	4.3	5.2	18.0	15.0	17.0	15.0
THMC0503SPV-1R0MG-D	1.00	±20	1V/100K	5.6	6.7	16.0	13.5	15.0	13.0
THMC0503SPV-1R2MG-D	1.20	±20	1V/100K	7.0	8.4	15.3	13.3	14.5	12.7
THMC0503SPV-1R5MG-D	1.50	±20	1V/100K	8.3	10.0	15.0	13.0	14.0	12.5
THMC0503SPV-2R2MG-D	2.20	±20	1V/100K	12.0	14.4	12.5	11.0	12.0	10.5
THMC0503SPV-3R3MG-D	3.30	±20	1V/100K	17.5	21.0	10.5	9.0	10.0	9.0
THMC0503SPV-4R7MG-D	4.70	±20	1V/100K	27.0	32.4	10.0	8.6	8.5	7.0
THMC0503SPV-5R6MG-D	5.60	±20	1V/100K	37.0	44.4	8.0	7.2	7.2	6.5
THMC0503SPV-6R8MG-D	6.80	±20	1V/100K	41.5	50.0	7.5	6.7	6.6	6.0
THMC0503SPV-8R2MG-D	8.20	±20	1V/100K	52.0	62.4	7.3	6.4	5.8	5.2
THMC0503SPV-100MG-D	10.00	±20	1V/100K	65.0	78.0	6.8	6.0	5.0	4.5
THMC0503SPV-150MG-D	15.00	±20	1V/100K	98.0	118.0	3.7	3.2	3.5	3.0
THMC0503SPV-220MG-D	22.00	±20	1V/100K	133.0	160.0	3.5	3.1	3.1	2.7

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

THMC0602SV Series

(2926 inch -55 ~+150℃)



■ Dimensions



Dimensions	
A	7.30±0.30
A1	6.70±0.30
B	6.60±0.30
C	1.80±0.20
D	1.80±0.30
E	3.00±0.30

Units: mm

■ Specifications

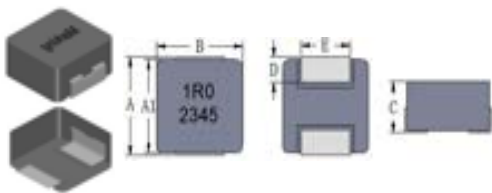
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
THMC0602SV-R20MG-D	0.20	±20	1V/100K	1.8	2.2	38.0	35.0	23.0	20.0
THMC0602SV-R33MG-D	0.33	±20	1V/100K	2.4	2.9	28.0	26.0	20.0	17.0
THMC0602SV-R47MG-D	0.47	±20	1V/100K	4.1	4.9	23.0	20.0	17.0	15.0
THMC0602SV-R68MG-D	0.68	±20	1V/100K	4.6	5.5	21.0	19.0	16.0	14.0
THMC0602SV-1R0MG-D	1.00	±20	1V/100K	7.0	8.4	15.0	13.0	12.0	10.0
THMC0602SV-1R5MG-D	1.50	±20	1V/100K	13.5	16.2	12.0	11.0	11.0	9.0
THMC0602SV-2R2MG-D	2.20	±20	1V/100K	21.0	25.2	9.5	8.5	9.0	8.0
THMC0602SV-3R3MG-D	3.30	±20	1V/100K	29.0	34.8	8.0	7.0	7.5	6.5
THMC0602SV-4R7MG-D	4.70	±20	1V/100K	38.0	45.6	7.0	6.0	6.5	5.5
THMC0602SV-5R6MG-D	5.60	±20	1V/100K	42.0	50.4	6.5	5.6	6.0	5.0
THMC0602SV-6R8MG-D	6.80	±20	1V/100K	56.0	64.0	6.0	5.2	5.3	4.5
THMC0602SV-8R2MG-D	8.20	±20	1V/100K	67.0	77.1	5.2	4.7	4.8	4.2
THMC0602SV-100MG-D	10.00	±20	1V/100K	80.0	90.0	4.8	4.2	4.3	3.8
THMC0602SV-120MG-D	12.00	±20	1V/100K	87.0	104.0	4.3	3.8	3.7	3.2

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	7.30±0.30
A1	6.70±0.30
B	6.60±0.30
C	2.20±0.20
D	1.80±0.30
E	3.00±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
THMC0624SV-R20MG-D	0.20	±20	1V/100K	1.6	1.9	41	37	25	21
THMC0624SV-R33MG-D	0.33	±20	1V/100K	2.0	2.4	33	30	21	18
THMC0624SV-R47MG-D	0.47	±20	1V/100K	3.6	4.2	27	24	19	16
THMC0624SV-R68MG-D	0.68	±20	1V/100K	4.0	4.6	23	21	17	15
THMC0624SV-1R0MG-D	1.00	±20	1V/100K	5.9	6.8	17	15	15	13
THMC0624SV-1R5MG-D	1.50	±20	1V/100K	8.7	10.1	15	13	13	11
THMC0624SV-2R2MG-D	2.20	±20	1V/100K	12.8	14.7	12	11	10	9
THMC0624SV-3R3MG-D	3.30	±20	1V/100K	24	27.6	9.0	8.0	8.0	7.0
THMC0624SV-4R7MG-D	4.70	±20	1V/100K	32	36.8	8.0	7.0	7.0	6.0
THMC0624SV-5R6MG-D	5.60	±20	1V/100K	35	40.2	7.5	6.5	6.5	5.5
THMC0624SV-6R8MG-D	6.80	±20	1V/100K	44	50.6	7.0	6.0	6.0	5.0
THMC0624SV-8R2MG-D	8.20	±20	1V/100K	46	53	6.0	5.5	5.5	5.0
THMC0624SV-100MG-D	10.0	±20	1V/100K	64	73.6	5.5	5.0	5.0	4.5

Note:

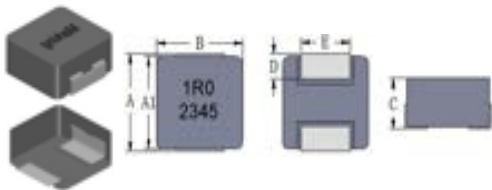
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

THMC0603SV Series

(2926 inch -55 ~+150℃)



■ Dimensions



Dimensions	
A	7.30±0.30
A1	6.70±0.30
B	6.60±0.30
C	2.80±0.20
D	1.80±0.30
E	3.00±0.30

Units: mm

■ Specifications

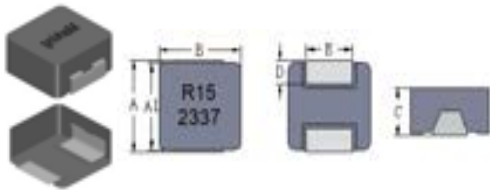
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
THMC0603SV-R22MG-D	0.22	±20	1V/100K	1.5	1.8	45.0	40.0	35.0	31.0
THMC0603SV-R33MG-D	0.33	±20	1V/100K	1.85	2.1	37.0	33.0	31.0	27.0
THMC0603SV-R36MG-D	0.36	±20	1V/100K	2.2	2.5	35.0	31.0	30.0	26.0
THMC0603SV-R47MG-D	0.47	±20	1V/100K	2.7	3.2	31.0	28.0	25.0	21.0
THMC0603SV-R56MG-D	0.56	±20	1V/100K	2.8	3.3	28.0	25.0	22.0	19.0
THMC0603SV-R68MG-D	0.68	±20	1V/100K	3.4	4.0	25.0	23.0	20.0	17.0
THMC0603SV-R82MG-D	0.82	±20	1V/100K	4.0	4.6	21.0	19.0	18.0	15.5
THMC0603SV-1R0MG-D	1.00	±20	1V/100K	4.8	5.3	19.0	17.0	16.0	14.0
THMC0603SV-1R2MG-D	1.20	±20	1V/100K	5.9	6.5	18.0	16.0	15.0	13.0
THMC0603SV-1R5MG-D	1.50	±20	1V/100K	6.8	7.5	15.0	13.0	14.0	12.0
THMC0603SV-2R2MG-D	2.20	±20	1V/100K	8.6	9.4	12.0	11.0	11.5	10.5
THMC0603SV-3R3MG-D	3.30	±20	1V/100K	13.5	15.0	10.0	9.0	9.5	8.5
THMC0603SV-4R7MG-D	4.70	±20	1V/100K	20.0	22.0	8.0	7.0	7.5	6.5
THMC0603SV-6R8MG-D	6.80	±20	1V/100K	33.0	38.0	7.0	6.5	6.5	5.5
THMC0603SV-8R2MG-D	8.20	±20	1V/100K	36.0	40.0	6.0	5.5	5.5	5.0
THMC0603SV-100MG-D	10.0	±20	1V/100K	43.0	47.0	5.5	5.0	5.3	4.8

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	7.30±0.30
A1	6.70±0.30
B	6.60±0.30
C	3.70±0.30
D	1.80±0.30
E	2.80±0.30

Units: mm

■ Specifications

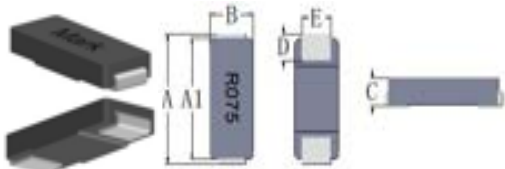
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) ±5%	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
THMC0604SV-R15MG-R6005-D	0.15	±20	1V/100K	0.6	70	65	40	35
THMC0604SV-R22MG-R8005-D	0.22	±20	1V/100K	0.8	55	50	30	25

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	10.6±0.30
A1	9.80±0.20
B	4.00±0.20
C	2.20±0.20
D	2.00±0.30
E	2.50±0.30

Units: mm

■ Specifications

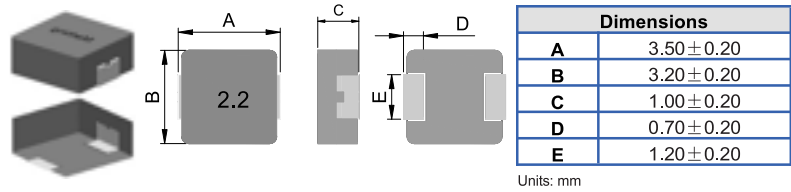
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ)	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
THMC100424SV-R075MG-R3507	0.075	±20	1V/100K	0.35±7%	60	55	60	55
THMC100424SV-R075MG-R4607	0.075	±20	1V/100K	0.46±7%	70	60	55	50
THMC100424SV-R075MG-R4005-A686	0.075	±20	1V/100K	0.40±5%	65	60	50	45

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

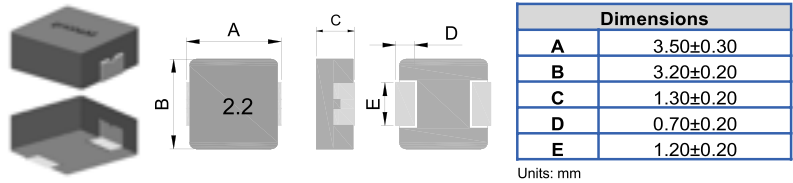
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC0312HV-R15YG	0.15	± 30	1V/100K	9.6	11	14.0	10.0
TMPC0312HV-R22MG	0.22	± 20	1V/100K	14	17	10.0	6.5
TMPC0312HV-R33MG	0.33	± 20	1V/100K	16	20	9.2	6.2
TMPC0312HV-R36MG	0.36	± 20	1V/100K	18.5	23	8.5	6.0
TMPC0312HV-R47MG	0.47	± 20	1V/100K	25	30	7.2	5.0
TMPC0312HV-R56MG	0.56	± 20	1V/100K	31	36	6.6	4.5
TMPC0312HV-R68MG	0.68	± 20	1V/100K	34	40	6.1	4.0
TMPC0312HV-R82MG	0.82	± 20	1V/100K	41	48	5.8	3.5
TMPC0312HV-1R0MG	1.00	± 20	1V/100K	50	60	5.5	3.3
TMPC0312HV-1R5MG	1.50	± 20	1V/100K	71	85	4.0	3.0
TMPC0312HV-2R2MG	2.20	± 20	1V/100K	98	115	3.4	2.7
TMPC0312HV-3R3MG	3.30	± 20	1V/100K	191	210	3.1	2.0
TMPC0312HV-4R7MG	4.70	± 20	1V/100K	266	293	2.8	1.6
TMPC0312HV-5R6MG	5.60	± 20	1V/100K	310	360	2.2	1.5
TMPC0312HV-6R8MG	6.80	± 20	1V/100K	360	400	2.0	1.4
TMPC0312HV-8R2MG	8.20	± 20	1V/100K	420	463	1.7	1.2
TMPC0312HV-100MG	10.0	± 20	1V/100K	498	550	1.4	1.0

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



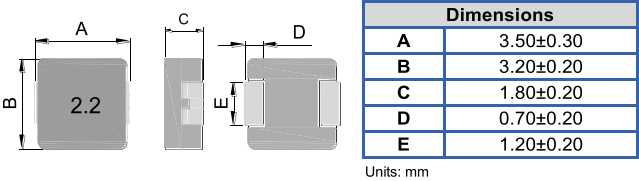
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC0315HV-R22MG	0.22	±20	1V/100K	14.0	17.0	10.8	7.00
TMPC0315HV-R47MG	0.47	±20	1V/100K	23.3	28.0	8.00	5.50
TMPC0315HV-R56MG	0.56	±20	1V/100K	28.0	33.0	7.20	5.00
TMPC0315HV-R68MG	0.68	±20	1V/100K	34.0	42.0	6.50	4.50
TMPC0315HV-1R0MG	1.00	±20	1V/100K	41.0	50.0	5.80	3.60
TMPC0315HV-1R5MG	1.50	±20	1V/100K	64.0	77.0	4.00	3.40
TMPC0315HV-2R2MG	2.20	±20	1V/100K	82.0	98.0	3.80	3.20
TMPC0315HV-3R3MG	3.30	±20	1V/100K	170	205	3.20	2.50
TMPC0315HV-4R7MG	4.70	±20	1V/100K	220	264	2.80	1.90
TMPC0315HV-5R6MG	5.60	±20	1V/100K	265	318	2.30	1.70
TMPC0315HV-6R8MG	6.80	±20	1V/100K	290	348	2.00	1.50
TMPC0315HV-8R2MG	8.20	±20	1V/100K	390	468	1.80	1.30
TMPC0315HV-100MG	10.0	±20	1V/100K	435	522	1.60	1.20

Note:
1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions

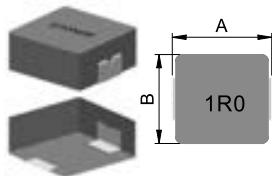


■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC0302HV-R10YG	0.10	±30	1V/100K	6.60	9.00	14.0	12.5	10.5	9.50
TMPC0302HV-R22YG	0.22	±30	1V/100K	11.0	14.0	11.2	10.5	9.00	8.00
TMPC0302HV-R33MG	0.33	±20	1V/100K	17.0	21.0	10.0	9.00	8.00	7.00
TMPC0302HV-R47MG	0.47	±20	1V/100K	19.7	23.0	9.00	8.00	7.00	6.00
TMPC0302HV-R60MG	0.60	±20	1V/100K	24.0	28.0	7.50	6.90	6.00	5.00
TMPC0302HV-R68MG	0.68	±20	1V/100K	25.5	29.0	7.00	6.50	5.50	4.50
TMPC0302HV-R82MG	0.82	±20	1V/100K	27.0	32.0	6.00	5.50	4.80	4.30
TMPC0302HV-1R0MG	1.00	±20	1V/100K	32.0	38.0	5.00	4.50	4.00	3.50
TMPC0302HV-1R2MG	1.20	±20	1V/100K	39.0	47.0	4.50	4.00	3.90	3.30
TMPC0302HV-1R5MG	1.50	±20	1V/100K	42.0	50.0	4.00	3.50	3.80	3.10
TMPC0302HV-2R2MG	2.20	±20	1V/100K	65.0	75.0	3.70	3.20	3.50	3.00
TMPC0302HV-3R3MG	3.30	±20	1V/100K	125	145	3.50	3.00	3.00	2.60
TMPC0302HV-4R7MG	4.70	±20	1V/100K	172	200	3.00	2.60	2.60	2.20
TMPC0302HV-5R6MG	5.60	±20	1V/100K	205	238	2.60	2.20	2.20	1.80
TMPC0302HV-6R8MG	6.80	±20	1V/100K	260	300	2.20	1.90	1.90	1.50
TMPC0302HV-8R2MG	8.20	±20	1V/100K	340	390	1.90	1.60	1.60	1.30
TMPC0302HV-100MG	10.0	±20	1V/100K	366	422	1.60	1.40	1.40	1.10

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

■ Dimensions



Dimensions	
A	4.45 ± 0.25
B	4.06 ± 0.25
C	1.00 ± 0.20
D	0.76 ± 0.30
E	2.00 ± 0.20

Units: mm

■ Specifications

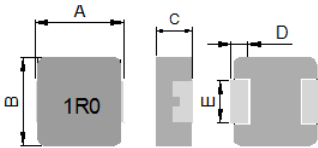
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC0412HPV-R10YG-Z02	0.10	± 30	1V/100K	4.30	5.5	25.0	11.5
TMPC0412HPV-R15YG-Z02	0.15	± 30	1V/100K	5.50	6.8	21.5	10.0
TMPC0412HPV-R22MG-Z02	0.22	± 20	1V/100K	6.60	8.0	20.0	8.5
TMPC0412HPV-R33MG-Z02	0.33	± 20	1V/100K	13.6	16.0	11.0	7.0
TMPC0412HPV-R47MG-Z02	0.47	± 20	1V/100K	18.0	20.0	6.5	6.0
TMPC0412HPV-R68MG-Z02	0.68	± 20	1V/100K	32.0	37.0	6.0	5.0
TMPC0412HPV-1R0MG-Z02	1.00	± 20	1V/100K	41.0	47.0	6.0	4.0
TMPC0412HPV-1R5MG-Z02	1.50	± 20	1V/100K	55.0	63.3	4.0	3.0
TMPC0412HPV-2R2MG-Z02	2.20	± 20	1V/100K	69.2	80.0	3.5	2.8
TMPC0412HPV-3R3MG-Z02	3.30	± 20	1V/100K	84.0	97.0	3.0	2.3
TMPC0412HPV-4R7MG-Z02	4.70	± 20	1V/100K	128	145	2.5	2.0
TMPC0412HPV-5R6MG-Z02	5.60	± 20	1V/100K	180	208	2.3	1.7
TMPC0412HPV-6R8MG-Z02	6.80	± 20	1V/100K	300	360	1.7	1.5
TMPC0412HPV-8R2MG-Z02	8.20	± 20	1V/100K	313	376	1.6	1.4
TMPC0412HPV-100MG-Z02	10.0	± 20	1V/100K	410	463	1.4	1.3
TMPC0412HPV-150MG-Z02	15.0	± 20	1V/100K	550	610	1.2	1.05
TMPC0412HPV-220MG-Z02	22.0	± 20	1V/100K	950	1050	1.0	0.8

Note:

1.Heat Rated Current (I_{rms}) will cause the coil temperature rise approximately ΔT of 40°C.2.Saturation Current (I_{sat}) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	4.45±0.25
B	4.06±0.25
C	1.30±0.20
D	0.76±0.30
E	2.00±0.20

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC0415HPV-R12YG-Z02	0.12	±30	1V/100K	4.00	5.0	20.0	15.0
TMPC0415HPV-R22MG-Z02	0.22	±20	1V/100K	6.50	7.8	20.0	10.0
TMPC0415HPV-R47MG-Z02	0.47	±20	1V/100K	15.0	19.0	11.0	8.00
TMPC0415HPV-R68MG-Z02	0.68	±20	1V/100K	19.0	21.5	8.50	6.50
TMPC0415HPV-R82MG-Z02	0.82	±20	1V/100K	29.0	36.0	7.50	5.50
TMPC0415HPV-1R0MG-Z02	1.00	±20	1V/100K	34.0	40.0	7.00	5.00
TMPC0415HPV-2R2MG-Z02	2.20	±20	1V/100K	63.0	72.0	4.00	3.20
TMPC0415HPV-4R7MG-Z02	4.70	±20	1V/100K	120	140	2.80	2.20
TMPC0415HPV-6R8MG-Z02	6.80	±20	1V/100K	230	276	2.30	1.70
TMPC0415HPV-100MG-Z02	10.0	±20	1V/100K	345	400	1.90	1.50

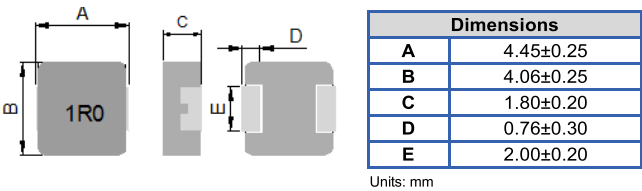
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPC0402HPV Series (1818 inch -55 ~+125℃)



■ Dimensions



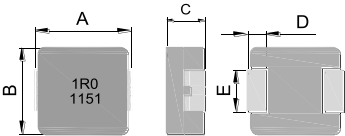
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC0402HPV-R33MG-Z02	0.33	±20	1V/100K	7.80	8.60	18.0	10.0
TMPC0402HPV-R36MG-Z02	0.36	±20	1V/100K	8.70	12.0	15.0	9.00
TMPC0402HPV-R47MG-Z02	0.47	±20	1V/100K	11.2	14.0	12.0	8.00
TMPC0402HPV-R56MG-Z02	0.56	±20	1V/100K	13.5	16.0	10.0	7.30
TMPC0402HPV-R68MG-Z02	0.68	±20	1V/100K	16.0	19.0	10.0	7.00
TMPC0402HPV-1R0MG-Z02	1.00	±20	1V/100K	22.0	27.0	8.50	5.00
TMPC0402HPV-1R2MG-Z02	1.20	±20	1V/100K	25.0	30.0	7.80	4.80
TMPC0402HPV-1R5MG-Z02	1.50	±20	1V/100K	34.8	42.0	7.00	4.50
TMPC0402HPV-2R2MG-Z02	2.20	±20	1V/100K	51.0	61.0	6.00	4.00
TMPC0402HPV-3R3MG-Z02	3.30	±20	1V/100K	69.0	76.0	4.00	3.50
TMPC0402HPV-4R7MG-Z02	4.70	±20	1V/100K	95.0	105	3.50	2.60
TMPC0402HPV-5R6MG-Z02	5.60	±20	1V/100K	112	125	3.00	2.20
TMPC0402HPV-6R8MG-Z02	6.80	±20	1V/100K	150	172	2.80	2.10
TMPC0402HPV-8R2MG-Z02	8.20	±20	1V/100K	158	180	2.50	2.00
TMPC0402HPV-100MG-Z02	10.0	±20	1V/100K	215	243	2.30	1.80
TMPC0402HPV-150MG-Z02	15.0	±20	1V/100K	325	374	1.90	1.50
TMPC0402HPV-200MG-Z02	20.0	±20	1V/100K	435	480	1.70	1.30
TMPC0402HPV-220MG-Z02	22.0	±20	1V/100K	470	500	1.40	1.20

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	5.70±0.30
B	5.20±0.20
C	1.00±0.20
D	1.10±0.30
E	2.50±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC0512HPV-R10YG-D	0.10	±30	1V/100K	4.30	5.20	14.5	14.0	14.0	13.0
TMPC0512HPV-R15YG-D	0.15	±30	1V/100K	4.50	6.00	14.2	13.8	12.0	11.0
TMPC0512HPV-R22MG-D	0.22	±20	1V/100K	5.50	6.70	14.0	13.5	10.7	10.0
TMPC0512HPV-R33MG-D	0.33	±20	1V/100K	7.80	9.40	13.5	13.0	8.50	8.00
TMPC0512HPV-R36MG-D	0.36	±20	1V/100K	10.0	11.5	13.0	12.5	8.00	7.50
TMPC0512HPV-R47MG-D	0.47	±20	1V/100K	13.6	15.8	11.0	10.5	7.00	6.50
TMPC0512HPV-R68MG-D	0.68	±20	1V/100K	21.5	24.5	9.00	8.50	6.00	5.50
TMPC0512HPV-1R0MG-D	1.00	±20	1V/100K	26.0	30.0	6.00	5.50	5.00	4.50
TMPC0512HPV-1R2MG-D	1.20	±20	1V/100K	33.0	40.0	5.50	5.00	4.50	4.00
TMPC0512HPV-1R5MG-D	1.50	±20	1V/100K	38.0	44.0	5.00	4.50	4.00	3.50
TMPC0512HPV-2R2MG-D	2.20	±20	1V/100K	65.0	75.0	4.00	3.60	3.50	3.00
TMPC0512HPV-3R3MG-D	3.30	±20	1V/100K	75.0	86.0	3.80	3.40	3.00	2.60
TMPC0512HPV-4R7MG-D	4.70	±20	1V/100K	100	115	3.20	3.10	2.50	2.20
TMPC0512HPV-5R6MG-D	5.60	±20	1V/100K	175	201	3.20	2.90	2.40	1.90
TMPC0512HPV-6R8MG-D	6.80	±20	1V/100K	193	222	3.00	2.60	2.00	1.60
TMPC0512HPV-8R2MG-D	8.20	±20	1V/100K	327	378	2.80	2.40	1.70	1.50
TMPC0512HPV-100MG-D	10.0	±20	1V/100K	335	385	1.80	1.60	1.50	1.40

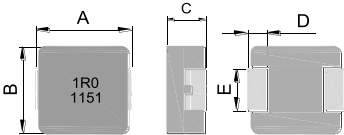
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPC0515HPV Series (2323 inch -55 ~+125℃)



■ Dimensions



Dimensions	
A	5.70±0.30
B	5.20±0.20
C	1.30±0.20
D	1.10±0.30
E	2.50±0.30

Units: mm

■ Specifications

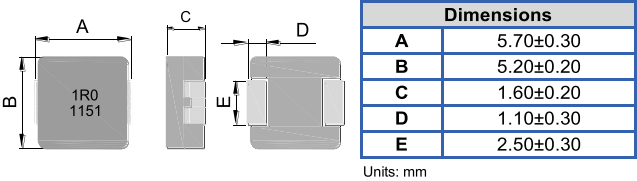
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC0515HPV-R20MG-D	0.20	±20	1V/100K	3.80	4.20	22.5	20.0	15.0	13.0
TMPC0515HPV-R22MG-D	0.22	±20	1V/100K	5.00	6.50	20.0	18.0	12.0	10.0
TMPC0515HPV-R33MG-D	0.33	±20	1V/100K	8.50	9.80	16.0	15.0	9.00	8.00
TMPC0515HPV-R36MG-D	0.36	±20	1V/100K	10.0	12.5	15.5	14.5	8.50	7.50
TMPC0515HPV-R47MG-D	0.47	±20	1V/100K	12.0	13.8	15.0	14.0	8.00	7.00
TMPC0515HPV-R68MG-D	0.68	±20	1V/100K	14.0	16.2	13.0	12.0	7.00	6.00
TMPC0515HPV-1R0MG-D	1.00	±20	1V/100K	22.0	25.3	9.00	8.00	6.00	5.00
TMPC0515HPV-1R5MG-D	1.50	±20	1V/100K	39.0	45.0	7.00	6.00	4.50	3.50
TMPC0515HPV-2R2MG-D	2.20	±20	1V/100K	45.0	52.0	6.00	5.00	4.00	3.50
TMPC0515HPV-3R3MG-D	3.30	±20	1V/100K	78.0	90.0	4.50	3.50	3.20	2.70
TMPC0515HPV-4R7MG-D	4.70	±20	1V/100K	103	118	4.00	3.00	2.70	2.20
TMPC0515HPV-5R6MG-D	5.60	±20	1V/100K	126	152	3.20	2.70	2.40	2.00
TMPC0515HPV-6R8MG-D	6.80	±20	1V/100K	142	171	3.00	2.50	2.30	1.90
TMPC0515HPV-8R2MG-D	8.20	±20	1V/100K	175	210	2.60	2.20	2.10	1.70
TMPC0515HPV-100MG-D	10.0	±20	1V/100K	210	235	2.30	2.00	2.00	1.60
TMPC0515HPV-150MG-D	15.0	±20	1V/100K	310	380	2.00	1.60	1.60	1.30
TMPC0515HPV-220MG-D	22.0	±20	1V/100K	405	466	1.70	1.30	1.20	1.00

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



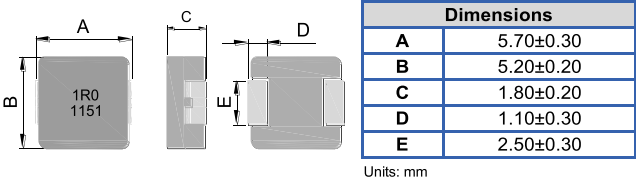
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC0518HPV-R33MG-D	0.33	±20	1V/100K	7.50	8.60	15.0	14.0	11.0	10.0
TMPC0518HPV-R47MG-D	0.47	±20	1V/100K	9.80	11.3	14.0	13.0	10.0	9.00
TMPC0518HPV-R56MG-D	0.56	±20	1V/100K	11.0	13.0	13.5	12.5	9.50	8.50
TMPC0518HPV-R68MG-D	0.68	±20	1V/100K	12.4	14.3	13.0	11.5	9.00	8.00
TMPC0518HPV-1R0MG-D	1.00	±20	1V/100K	18.2	21.0	10.0	9.00	6.80	6.00
TMPC0518HPV-1R5MG-D	1.50	±20	1V/100K	26.0	30.0	9.00	8.00	6.00	5.00
TMPC0518HPV-2R0MG-D	2.00	±20	1V/100K	35.0	42.0	8.00	7.00	5.00	4.00
TMPC0518HPV-2R2MG-D	2.20	±20	1V/100K	42.0	48.3	7.50	6.50	4.50	3.70
TMPC0518HPV-3R3MG-D	3.30	±20	1V/100K	60.0	69.0	5.00	4.50	3.50	3.00
TMPC0518HPV-4R7MG-D	4.70	±20	1V/100K	85.0	98.0	4.50	4.00	3.00	2.60
TMPC0518HPV-5R6MG-D	5.60	±20	1V/100K	110	127	4.00	3.70	2.50	2.10
TMPC0518HPV-6R8MG-D	6.80	±20	1V/100K	118	137	3.50	3.20	2.40	2.00
TMPC0518HPV-8R2MG-D	8.20	±20	1V/100K	143	165	3.00	2.80	2.30	1.90
TMPC0518HPV-100MG-D	10.0	±20	1V/100K	165	190	2.80	2.50	2.30	1.90
TMPC0518HPV-150MG-D	15.0	±20	1V/100K	275	318	2.30	2.00	1.70	1.40

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



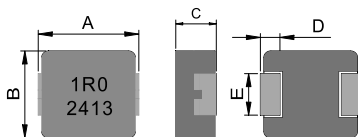
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC0502HPV-R10YG-D	0.10	±30	1V/100K	3.60	4.00	45.0	40.0	18.0	16.0
TMPC0502HPV-R12YG-D	0.12	±30	1V/100K	3.70	4.30	35.0	30.0	17.0	15.0
TMPC0502HPV-R15YG-D	0.15	±30	1V/100K	3.80	4.60	27.0	23.0	16.0	14.0
TMPC0502HPV-R22MG-D	0.22	±20	1V/100K	4.00	5.50	25.0	22.0	15.0	13.0
TMPC0502HPV-R24MG-D	0.24	±20	1V/100K	6.00	7.00	23.0	21.0	13.0	12.0
TMPC0502HPV-R33MG-D	0.33	±20	1V/100K	6.30	7.30	21.3	20.0	12.0	11.0
TMPC0502HPV-R36MG-D	0.36	±20	1V/100K	6.80	7.80	20.0	18.0	11.8	11.0
TMPC0502HPV-R47MG-D	0.47	±20	1V/100K	7.30	8.60	18.0	16.0	11.5	10.5
TMPC0502HPV-R56MG-D	0.56	±20	1V/100K	9.30	11.2	15.0	14.0	10.7	10.2
TMPC0502HPV-R68MG-D	0.68	±20	1V/100K	11.0	12.4	12.8	12.0	10.0	9.50
TMPC0502HPV-R82MG-D	0.82	±20	1V/100K	15.0	18.0	14.0	12.0	8.50	7.50
TMPC0502HPV-1R0MG-D	1.00	±20	1V/100K	17.5	20.0	13.7	12.0	7.00	6.50
TMPC0502HPV-1R2MG-D	1.20	±20	1V/100K	23.0	28.0	11.0	10.0	6.20	6.00
TMPC0502HPV-1R5MG-D	1.50	±20	1V/100K	26.5	30.5	9.80	9.00	5.50	5.00
TMPC0502HPV-2R2MG-D	2.20	±20	1V/100K	42.0	50.0	9.00	8.00	4.20	3.80
TMPC0502HPV-2R7MG-D	2.70	±20	1V/100K	50.0	58.0	8.20	7.50	4.00	3.60
TMPC0502HPV-3R3MG-D	3.30	±20	1V/100K	66.0	76.0	7.30	7.00	3.30	3.00
TMPC0502HPV-4R7MG-D	4.70	±20	1V/100K	103	116	5.00	4.60	2.80	2.50
TMPC0502HPV-5R6MG-D	5.60	±20	1V/100K	112	122	4.00	3.70	2.50	2.10
TMPC0502HPV-6R8MG-D	6.80	±20	1V/100K	130	150	3.80	3.50	2.40	2.00
TMPC0502HPV-8R2MG-D	8.20	±20	1V/100K	148	171	3.50	3.30	2.30	2.00
TMPC0502HPV-100MG-D	10.0	±20	1V/100K	180	199	3.40	3.20	2.30	2.00
TMPC0502HPV-150MG-D	15.0	±20	1V/100K	240	270	2.80	2.50	1.90	1.60
TMPC0502HPV-220MG-D	22.0	±20	1V/100K	350	390	1.80	1.50	1.50	1.20

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

■ Dimensions



Dimensions	
A	5.70 ± 0.30
B	5.20 ± 0.20
C	2.80 ± 0.20
D	1.10 ± 0.30
E	2.50 ± 0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC0503HPV-R10YG-D02	0.10	±30	1V/100K	2.2	2.6	40.0	24.0
TMPC0503HPV-R15YG-D02	0.15	±30	1V/100K	2.5	3.0	37.0	22.0
TMPC0503HPV-R22MG-D02	0.22	±20	1V/100K	3.2	3.8	32.0	19.0
TMPC0503HPV-R33MG-D02	0.33	±20	1V/100K	4.3	5.0	20.0	15.0
TMPC0503HPV-R47MG-D02	0.47	±20	1V/100K	6.3	7.1	18.0	13.0
TMPC0503HPV-R56MG-D02	0.56	±20	1V/100K	7.8	8.6	17.0	12.0
TMPC0503HPV-R68MG-D02	0.68	±20	1V/100K	8.0	9.0	15.5	11.0
TMPC0503HPV-R82MG-D02	0.82	±20	1V/100K	8.8	10.0	14.0	10.0
TMPC0503HPV-1R0MG-D02	1.00	±20	1V/100K	11.0	12.7	13.0	9.0
TMPC0503HPV-1R2MG-D02	1.20	±20	1V/100K	13.0	15.0	12.0	8.5
TMPC0503HPV-1R5MG-D02	1.50	±20	1V/100K	14.4	16.6	11.5	8.0
TMPC0503HPV-2R2MG-D02	2.20	±20	1V/100K	26.0	29.2	11.0	7.0
TMPC0503HPV-3R3MG-D02	3.30	±20	1V/100K	33.0	38.0	9.0	6.0
TMPC0503HPV-4R7MG-D02	4.70	±20	1V/100K	48.0	53.0	8.0	5.5
TMPC0503HPV-5R6MG-D02	5.60	±20	1V/100K	54.0	62.0	7.3	4.7
TMPC0503HPV-6R8MG-D02	6.80	±20	1V/100K	68.0	76.2	6.0	4.2
TMPC0503HPV-100MG-D02	10.00	±20	1V/100K	104.0	120.0	4.0	3.5
TMPC0503HPV-150MG-D02	15.00	±20	1V/100K	165.0	190.0	3.2	2.7
TMPC0503HPV-220MG-D02	22.00	±20	1V/100K	217.0	250.0	2.7	2.2

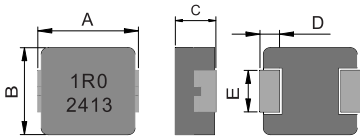
Note:

1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.

2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	5.70±0.30
B	5.20±0.20
C	2.80±0.20
D	1.10±0.30
E	1.50±0.20

Units: mm

■ Specifications

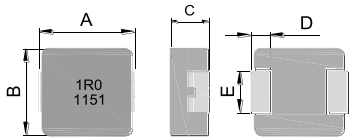
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC0503HV-R10YG-D	0.10	±30	1V/100K	2.50	3.00	27.0	24.0	23.0	20.0
TMPC0503HV-R15YG-D	0.15	±30	1V/100K	2.30	2.70	26.0	22.0	17.0	15.0
TMPC0503HV-R20YG-D	0.20	±30	1V/100K	2.60	3.20	25.0	21.0	16.0	14.0
TMPC0503HV-R22MG-D	0.22	±20	1V/100K	3.70	4.40	21.0	19.0	15.5	13.0
TMPC0503HV-R25MG-D	0.25	±20	1V/100K	3.70	4.10	20.0	18.0	15.0	12.0
TMPC0503HV-R33MG-D	0.33	±20	1V/100K	4.30	5.00	18.0	16.0	14.0	11.0
TMPC0503HV-R47MG-D	0.47	±20	1V/100K	6.40	7.40	16.0	14.0	12.0	10.0
TMPC0503HV-R56MG-D	0.56	±20	1V/100K	8.00	10.0	15.0	13.5	10.0	9.00
TMPC0503HV-R60MG-D	0.60	±20	1V/100K	8.40	10.4	14.5	/	9.00	/
TMPC0503HV-R68MG-D	0.68	±20	1V/100K	10.0	12.0	14.0	12.5	8.50	7.50
TMPC0503HV-R82MG-D	0.82	±20	1V/100K	11.5	13.0	12.5	11.0	8.00	7.00
TMPC0503HV-1R0MG-D	1.00	±20	1V/100K	13.0	14.0	11.0	9.50	7.00	6.00
TMPC0503HV-1R2MG-D	1.20	±20	1V/100K	14.0	16.0	11.0	9.50	6.50	5.50
TMPC0503HV-1R5MG-D	1.50	±20	1V/100K	16.0	25.0	10.0	9.00	6.00	5.00
TMPC0503HV-2R2MG-D	2.20	±20	1V/100K	25.0	35.0	9.00	8.00	5.50	4.80
TMPC0503HV-2R4MG-D	2.40	±20	1V/100K	30.0	36.0	8.80	/	5.30	/
TMPC0503HV-3R3MG-D	3.30	±20	1V/100K	32.0	38.0	8.00	7.00	5.00	4.30
TMPC0503HV-3R6MG-D	3.60	±20	1V/100K	46.0	54.0	7.00	6.00	4.90	4.10
TMPC0503HV-4R7MG-D	4.70	±20	1V/100K	50.0	53.0	6.00	5.00	4.60	4.00
TMPC0503HV-5R6MG-D	5.60	±20	1V/100K	55.0	63.0	4.50	4.00	4.30	3.80
TMPC0503HV-100MG-D	10.0	±20	1V/100K	110	128	3.50	3.10	2.80	2.40
TMPC0503HV-150MG-D	15.0	±20	1V/100K	165	190	2.60	2.20	2.10	1.90
TMPC0503HV-180MG-D	18.0	±20	1V/100K	195	230	2.30	2.00	2.00	1.80
TMPC0503HV-220MG-D	22.0	±20	1V/100K	220	250	1.70	1.50	1.90	1.70
TMPC0503HV-330MG-D	33.0	±20	1V/100K	380	440	1.60	1.40	1.60	1.50

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	4.90±0.30
B	4.70±0.20
C	2.80±0.20
D	1.00±0.30
E	1.50±0.30

Units: mm

■ Specifications

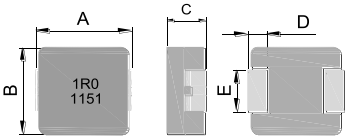
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC053TV-R10MG-V01	0.10	±20	1V/100K	2.00	2.50	34.0	20.0
TMPC053TV-R20MG-V01	0.20	±20	1V/100K	3.0	3.70	21.0	14.5
TMPC053TV-R47MG-V01	0.47	±20	1V/100K	7.10	8.10	16.0	10.0
TMPC053TV-R56MG-V01	0.56	±20	1V/100K	7.30	8.40	15.0	9.50
TMPC053TV-R68MG-V01	0.68	±20	1V/100K	8.10	9.00	14.0	8.50
TMPC053TV-1R0MG-V01	1.00	±20	1V/100K	12.5	14.0	11.0	7.00
TMPC053TV-1R2MG-V01	1.20	±20	1V/100K	14.0	16.0	11.0	6.50
TMPC053TV-1R5MG-V01	1.50	±20	1V/100K	17.0	22.0	10.0	6.00
TMPC053TV-2R2MG-V01	2.20	±20	1V/100K	24.0	27.0	9.00	5.50
TMPC053TV-3R3MG-V01	3.30	±20	1V/100K	32.0	38.0	7.00	5.00
TMPC053TV-4R7MG-V01	4.70	±20	1V/100K	50.0	60.0	5.00	4.50

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	7.00±0.30
B	6.60±0.30
C	1.00±0.20
D	1.80±0.30
E	2.50±0.30

Units: mm

■ Specifications

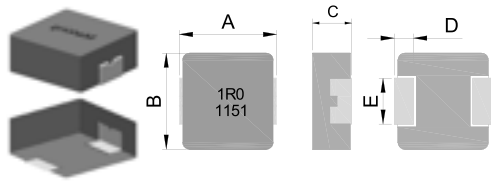
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC0612HV-R22YG-D	0.22	±30	1V/100K	6.50	7.50	19.0	17.0	11.0	10.0
TMPC0612HV-R33MG-D	0.33	±20	1V/100K	9.00	10.0	16.0	14.0	9.50	9.00
TMPC0612HV-R47MG-D	0.47	±20	1V/100K	13.0	17.0	12.0	11.0	8.50	8.00
TMPC0612HV-R68MG-D	0.68	±20	1V/100K	17.0	19.0	9.00	8.50	7.00	6.00
TMPC0612HV-1R0MG-D	1.00	±20	1V/100K	27.0	30.0	7.00	6.50	6.00	5.00
TMPC0612HV-1R2MG-D	1.20	±20	1V/100K	31.0	36.0	6.80	6.00	5.00	4.50
TMPC0612HV-1R5MG-D	1.50	±20	1V/100K	35.0	40.0	6.50	5.50	4.50	4.00
TMPC0612HV-2R2MG-D	2.20	±20	1V/100K	53.0	61.0	5.00	4.50	4.00	3.50
TMPC0612HV-3R3MG-D	3.30	±20	1V/100K	90.0	103	4.00	3.60	3.20	2.80
TMPC0612HV-4R7MG-D	4.70	±20	1V/100K	130	150	3.80	3.20	2.50	2.30
TMPC0612HV-6R8MG-D	6.80	±20	1V/100K	172	198	3.00	2.70	2.10	1.90
TMPC0612HV-100MG-D	10.0	±20	1V/100K	280	290	2.50	2.30	1.80	1.60

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	7.00±0.30
B	6.60±0.30
C	1.30±0.20
D	1.80±0.30
E	3.00±0.30

Units: mm

■ Specifications

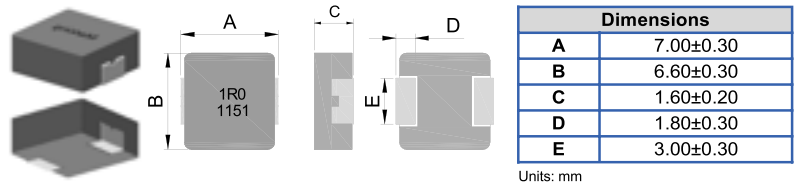
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC0615HV-R22YG-D	0.22	±30	1V/100K	4.30	5.20	22.0	19.0	14.0	12.0
TMPC0615HV-R33MG-D	0.33	±20	1V/100K	6.60	7.60	18.0	16.0	11.0	10.0
TMPC0615HV-R47MG-D	0.47	±20	1V/100K	9.00	10.3	16.0	14.0	9.50	8.50
TMPC0615HV-R56MG-D	0.56	±20	1V/100K	12.5	14.0	15.5	14.0	9.00	8.00
TMPC0615HV-R68MG-D	0.68	±20	1V/100K	13.8	15.2	15.0	13.0	7.50	6.60
TMPC0615HV-R82MG-D	0.82	±20	1V/100K	20.0	24.0	14.0	12.0	7.00	6.00
TMPC0615HV-1R0MG-D	1.00	±20	1V/100K	23.0	25.8	12.0	10.0	6.50	5.50
TMPC0615HV-1R2MG-D	1.20	±20	1V/100K	29.0	34.0	10.5	9.00	5.60	5.00
TMPC0615HV-1R5MG-D	1.50	±20	1V/100K	37.0	42.5	9.50	8.50	5.00	4.50
TMPC0615HV-2R2MG-D	2.20	±20	1V/100K	48.0	55.0	6.50	5.60	4.50	4.00
TMPC0615HV-3R3MG-D	3.30	±20	1V/100K	62.0	74.0	6.00	5.30	4.20	3.70
TMPC0615HV-4R7MG-D	4.70	±20	1V/100K	96.0	111	5.00	4.60	3.80	3.30
TMPC0615HV-5R6MG-D	5.60	±20	1V/100K	115	138	4.50	4.10	3.00	2.60
TMPC0615HV-6R8MG-D	6.80	±20	1V/100K	128	148	3.50	3.10	2.60	2.20
TMPC0615HV-8R2MG-D	8.20	±20	1V/100K	153	184	3.20	2.80	2.40	2.10
TMPC0615HV-100MG-D	10.0	±20	1V/100K	180	216	2.80	2.50	2.30	2.00
TMPC0615HV-220MG-D	22.0	±20	1V/100K	420	504	2.50	2.20	1.50	1.20

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



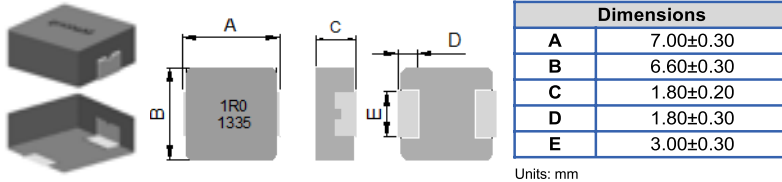
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC0618HV-R22MG-D	0.22	±20	1V/100K	2.50	3.00	26.0	24.0	16.0	14.0
TMPC0618HV-R33MG-D	0.33	±20	1V/100K	4.80	5.80	22.0	19.0	14.0	12.0
TMPC0618HV-R47MG-D	0.47	±20	1V/100K	6.40	7.40	18.0	16.0	12.0	10.0
TMPC0618HV-R56MG-D	0.56	±20	1V/100K	8.50	10.0	17.5	15.0	11.0	9.50
TMPC0618HV-R68MG-D	0.68	±20	1V/100K	9.50	11.0	17.0	15.0	10.0	9.00
TMPC0618HV-R82MG-D	0.82	±20	1V/100K	11.5	14.0	15.5	14.0	8.50	7.90
TMPC0618HV-1R0MG-D	1.00	±20	1V/100K	14.5	17.0	14.0	12.0	7.00	6.50
TMPC0618HV-1R2MG-D	1.20	±20	1V/100K	20.0	24.0	13.5	11.0	6.50	6.00
TMPC0618HV-1R5MG-D	1.50	±20	1V/100K	21.0	25.2	13.0	11.0	6.00	5.50
TMPC0618HV-2R2MG-D	2.20	±20	1V/100K	31.0	35.0	11.0	10.0	6.00	5.50
TMPC0618HV-3R3MG-D	3.30	±20	1V/100K	40.0	46.0	9.00	8.00	5.00	4.50
TMPC0618HV-4R7MG-D	4.70	±20	1V/100K	68.0	76.0	7.00	6.00	4.00	3.60
TMPC0618HV-5R6MG-D	5.60	±20	1V/100K	78.0	86.0	6.00	5.00	3.50	3.10
TMPC0618HV-6R8MG-D	6.80	±20	1V/100K	93.0	104	5.50	4.50	3.00	2.60
TMPC0618HV-8R2MG-D	8.20	±20	1V/100K	123	140	4.50	3.80	2.60	2.20
TMPC0618HV-100MG-D	10.0	±20	1V/100K	143	160	3.50	3.10	2.30	2.00

Note:

- Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- Saturation Current (Isat) will cause L0 to drop approximately 30%.

■ Dimensions



Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC0602HV-R10YG-D	0.10	±30	1V/100K	2.00	2.40	40.0	21.0
TMPC0602HV-R12YG-D	0.12	±30	1V/100K	2.20	2.60	39.5	20.0
TMPC0602HV-R15YG-D	0.15	±30	1V/100K	2.30	2.70	39.0	18.0
TMPC0602HV-R16YG-D	0.16	±30	1V/100K	2.30	2.70	38.0	18.0
TMPC0602HV-R18YG-D	0.18	±30	1V/100K	2.40	2.90	36.0	18.0
TMPC0602HV-R20YG-D	0.20	±30	1V/100K	2.50	3.00	35.0	18.0
TMPC0602HV-R22YG-D	0.22	±30	1V/100K	3.50	4.00	32.0	15.0
TMPC0602HV-R24MG-D	0.24	±20	1V/100K	3.60	4.30	32.0	14.5
TMPC0602HV-R33MG-D	0.33	±20	1V/100K	4.50	5.00	25.0	14.0
TMPC0602HV-R47MG-D	0.47	±20	1V/100K	7.10	8.30	20.0	11.7
TMPC0602HV-R56MG-D	0.56	±20	1V/100K	7.90	9.30	18.0	11.0
TMPC0602HV-R68MG-D	0.68	±20	1V/100K	8.30	10.0	16.0	10.5
TMPC0602HV-R82MG-D	0.82	±20	1V/100K	12.5	16.0	15.0	9.50
TMPC0602HV-1R0MG-D	1.00	±20	1V/100K	16.5	18.0	14.0	8.00
TMPC0602HV-1R2MG-D	1.20	±20	1V/100K	19.0	23.0	13.0	7.50
TMPC0602HV-1R5MG-D	1.50	±20	1V/100K	23.0	27.0	12.0	7.00
TMPC0602HV-2R2MG-D	2.20	±20	1V/100K	32.0	37.0	10.0	6.00
TMPC0602HV-3R3MG-D	3.30	±20	1V/100K	43.0	48.0	8.00	5.00
TMPC0602HV-4R7MG-D	4.70	±20	1V/100K	53.0	60.0	7.00	4.50
TMPC0602HV-5R6MG-D	5.60	±20	1V/100K	59.0	68.0	6.00	4.00
TMPC0602HV-6R8MG-D	6.80	±20	1V/100K	63.0	73.0	5.50	4.00
TMPC0602HV-8R2MG-D	8.20	±20	1V/100K	101	116	5.00	3.20
TMPC0602HV-100MG-D	10.0	±20	1V/100K	134	154	4.00	2.80
TMPC0602HV-150MG-D	15.0	±20	1V/100K	190	210	3.30	2.10
TMPC0602HV-220MG-D	22.0	±20	1V/100K	236	280	2.50	1.50

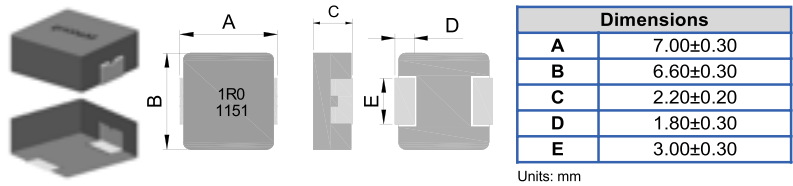
Note:

1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.

2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

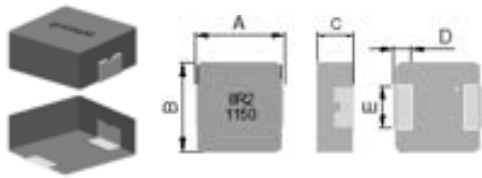
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC0624HV-R22MG-D	0.22	±20	1V/100K	2.00	3.20	34.0	30.0	21.0	19.0
TMPC0624HV-R33MG-D	0.33	±20	1V/100K	3.60	4.40	30.0	27.0	18.0	17.0
TMPC0624HV-R36MG-D	0.36	±20	1V/100K	3.80	4.60	29.0	25.0	17.0	15.0
TMPC0624HV-R47MG-D	0.47	±20	1V/100K	4.80	5.10	26.0	22.0	15.0	14.0
TMPC0624HV-R56MG-D	0.56	±20	1V/100K	5.50	6.50	24.0	20.0	13.0	12.0
TMPC0624HV-R60MG-D	0.60	±20	1V/100K	5.70	6.90	22.0	19.0	13.0	12.0
TMPC0624HV-R68MG-D	0.68	±20	1V/100K	6.40	7.20	21.0	18.0	13.0	12.0
TMPC0624HV-R82MG-D	0.82	±20	1V/100K	8.00	9.50	17.0	15.0	11.0	10.0
TMPC0624HV-1R0MG-D	1.00	±20	1V/100K	10.5	13.5	16.0	14.0	11.0	10.0
TMPC0624HV-1R5MG-D	1.50	±20	1V/100K	17.0	20.0	15.0	13.0	9.00	8.00
TMPC0624HV-2R2MG-D	2.20	±20	1V/100K	23.0	28.0	14.0	11.0	7.00	6.00
TMPC0624HV-3R3MG-D	3.30	±20	1V/100K	34.0	39.0	10.0	9.00	6.00	5.00
TMPC0624HV-4R7MG-D	4.70	±20	1V/100K	41.0	50.0	9.00	7.00	5.50	4.80
TMPC0624HV-5R6MG-D	5.60	±20	1V/100K	56.0	62.0	8.00	6.50	5.00	4.50
TMPC0624HV-6R8MG-D	6.80	±20	1V/100K	65.0	72.0	7.00	6.00	4.00	3.60
TMPC0624HV-8R2MG-D	8.20	±20	1V/100K	81.0	95.0	6.00	5.40	3.60	3.20
TMPC0624HV-100MG-D	10.0	±20	1V/100K	92.0	101	5.00	4.70	3.20	2.90

Note:

- Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	7.30±0.30
B	6.60±0.30
C	2.80±0.20
D	1.80±0.30
E	3.00±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC0603HV-R10YG-D	0.10	±30	1V/100K	1.20	1.70	60.0	55.0	32.5	28.0
TMPC0603HV-R13YG-D	0.13	±30	1V/100K	1.30	1.80	50.0	45.0	27.6	24.0
TMPC0603HV-R15YG-D	0.15	±30	1V/100K	1.50	1.90	45.0	40.0	27.0	23.0
TMPC0603HV-R16YG-D	0.16	±30	1V/100K	1.50	1.90	45.0	40.0	27.0	23.0
TMPC0603HV-R18YG-D	0.18	±30	1V/100K	1.70	2.30	43.0	39.0	25.0	22.0
TMPC0603HV-R19YG-D	0.19	±30	1V/100K	1.80	2.50	41.0	37.0	24.0	21.0
TMPC0603HV-R20YG-D	0.20	±30	1V/100K	1.80	2.50	41.0	37.0	24.0	21.0
TMPC0603HV-R22YG-D	0.22	±30	1V/100K	2.10	2.80	40.0	36.0	23.0	20.0
TMPC0603HV-R24MG-D	0.24	±20	1V/100K	2.50	3.10	39.0	35.0	22.0	19.0
TMPC0603HV-R25MG-D	0.25	±20	1V/100K	3.30	3.50	39.0	35.0	21.0	18.0
TMPC0603HV-R30MG-D	0.30	±20	1V/100K	3.20	3.80	35.0	31.0	21.0	18.0
TMPC0603HV-R33MG-D	0.33	±20	1V/100K	3.50	3.90	32.0	28.0	20.0	17.0
TMPC0603HV-R36MG-D	0.36	±20	1V/100K	3.60	4.20	32.0	28.0	19.0	16.5
TMPC0603HV-R40MG-D	0.40	±20	1V/100K	3.71	4.10	27.5	24.0	18.0	15.5
TMPC0603HV-R47MG-D	0.47	±20	1V/100K	4.00	4.20	26.0	23.0	17.5	16.0
TMPC0603HV-R56MG-D	0.56	±20	1V/100K	4.70	5.00	25.5	22.5	16.5	15.0
TMPC0603HV-R60MG-D	0.60	±20	1V/100K	4.70	5.20	25.5	22.5	16.0	14.5
TMPC0603HV-R68MG-D	0.68	±20	1V/100K	4.80	5.50	25.0	22.0	15.5	14.0
TMPC0603HV-R75MG-D	0.75	±20	1V/100K	5.50	6.60	24.5	22.0	14.5	13.5
TMPC0603HV-R82MG-D	0.82	±20	1V/100K	6.70	8.00	24.0	21.0	13.0	12.0
TMPC0603HV-R90MG-D	0.90	±20	1V/100K	8.30	10.0	22.0	19.0	11.0	10.0

Note:

- 1.Heat Rated Current (I rms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Specifications

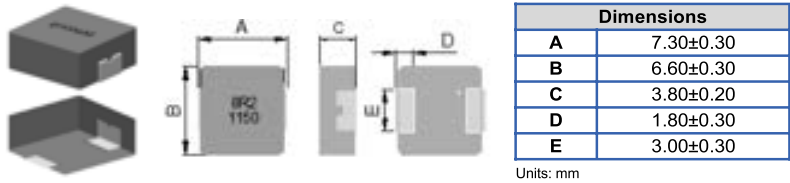
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC0603HV-1R0MG-D	1.00	±20	1V/100K	8.3	10	22.0	19.0	11.0	10.0
TMPC0603HV-1R2MG-D	1.20	±20	1V/100K	10	12	20.0	18.0	10.0	9.00
TMPC0603HV-1R5MG-D	1.50	±20	1V/100K	13	15	18.0	17.0	9.00	8.00
TMPC0603HV-1R8MG-D	1.80	±20	1V/100K	14	17	16.0	15.0	8.50	7.50
TMPC0603HV-2R0MG-D	2.00	±20	1V/100K	16	19	15.0	13.0	8.20	7.20
TMPC0603HV-2R2MG-D	2.20	±20	1V/100K	18	20	14.0	12.0	8.00	7.00
TMPC0603HV-2R5MG-D	2.50	±20	1V/100K	20	22	13.0	11.0	7.00	6.20
TMPC0603HV-2R7MG-D	2.70	±20	1V/100K	24	27	13.0	11.0	7.00	6.20
TMPC0603HV-3R3MG-D	3.30	±20	1V/100K	28	30	13.5	11.5	6.00	5.30
TMPC0603HV-4R7MG-D	4.70	±20	1V/100K	37	40	10.0	8.50	5.50	4.90
TMPC0603HV-5R6MG-D	5.60	±20	1V/100K	43	48	9.00	8.00	5.00	4.50
TMPC0603HV-6R8MG-D	6.80	±20	1V/100K	54	60	8.00	7.00	4.50	4.00
TMPC0603HV-8R2MG-D	8.20	±20	1V/100K	64	68	7.50	6.50	4.00	3.60
TMPC0603HV-100MG-D	10.0	±20	1V/100K	75	85	6.00	5.00	3.50	3.10

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

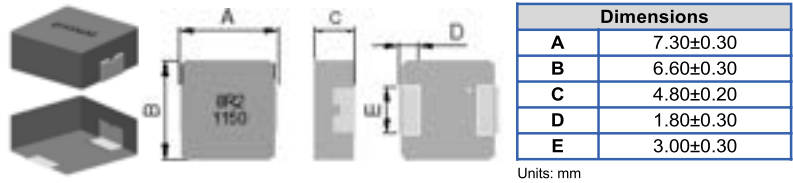
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC0604HV-R15YG-D	0.15	±30	1V/100K	0.90	1.20	55.00	51.00	30.00	28.00
TMPC0604HV-R22MG-D	0.22	±20	1V/100K	1.85	2.10	37.00	34.00	28.00	25.00
TMPC0604HV-R33MG-D	0.33	±20	1V/100K	2.00	2.60	34.00	31.00	26.00	23.00
TMPC0604HV-R36MG-D	0.36	±20	1V/100K	2.70	3.10	31.00	29.00	25.00	22.00
TMPC0604HV-R47MG-D	0.47	±20	1V/100K	3.00	3.40	28.00	26.00	23.00	20.00
TMPC0604HV-R56MG-D	0.56	±20	1V/100K	3.80	4.30	26.00	24.00	20.00	18.00
TMPC0604HV-R68MG-D	0.68	±20	1V/100K	4.10	4.50	24.00	22.00	16.00	14.00
TMPC0604HV-R82MG-D	0.82	±20	1V/100K	5.50	6.30	23.00	20.00	15.00	13.00
TMPC0604HV-1R0MG-D	1.00	±20	1V/100K	6.80	8.00	22.00	19.00	14.00	12.00
TMPC0604HV-1R5MG-D	1.50	±20	1V/100K	10.00	12.00	20.00	18.00	12.00	10.00
TMPC0604HV-2R2MG-D	2.20	±20	1V/100K	11.50	14.00	14.00	13.00	9.00	8.50
TMPC0604HV-3R3MG-D	3.30	±20	1V/100K	24.00	27.00	12.00	11.00	8.00	7.50
TMPC0604HV-4R7MG-D	4.70	±20	1V/100K	28.00	32.50	11.00	10.00	6.00	5.50
TMPC0604HV-5R6MG-D	5.60	±20	1V/100K	33.00	38.00	9.00	8.50	5.00	4.50
TMPC0604HV-6R8MG-D	6.80	±20	1V/100K	44.00	50.00	8.50	8.00	4.50	4.30
TMPC0604HV-8R2MG-D	8.20	±20	1V/100K	55.00	64.00	8.00	7.50	4.50	4.00
TMPC0604HV-100MG-D	10.00	±20	1V/100K	64.00	72.00	7.00	6.50	4.00	3.70
TMPC0604HV-150MG-D	15.00	±20	1V/100K	80.00	90.00	3.50	3.00	3.00	2.80

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

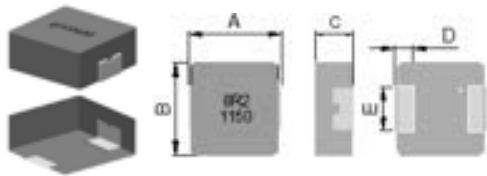
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC0605HV-R33MG-D	0.33	±20	1V/100K	2.50	3.00	32.0	25.0
TMPC0605HV-R40MG-D	0.40	±20	1V/100K	3.10	3.70	31.0	23.0
TMPC0605HV-R47MG-D	0.47	±20	1V/100K	3.50	3.90	30.0	22.0
TMPC0605HV-R56MG-D	0.56	±20	1V/100K	3.60	4.20	27.0	20.0
TMPC0605HV-R60MG-D	0.60	±20	1V/100K	3.80	4.30	25.0	19.0
TMPC0605HV-R68MG-D	0.68	±20	1V/100K	4.00	4.50	24.0	18.0
TMPC0605HV-R82MG-D	0.82	±20	1V/100K	4.60	4.90	22.0	16.5
TMPC0605HV-1R0MG-D	1.00	±20	1V/100K	6.10	6.50	20.0	15.0
TMPC0605HV-1R2MG-D	1.20	±20	1V/100K	6.70	7.50	18.0	14.0
TMPC0605HV-1R5MG-D	1.50	±20	1V/100K	8.60	9.00	16.5	12.0
TMPC0605HV-1R8MG-D	1.80	±20	1V/100K	9.50	11.0	15.0	12.0
TMPC0605HV-2R2MG-D	2.20	±20	1V/100K	11.2	12.0	14.0	10.0
TMPC0605HV-3R3MG-D	3.30	±20	1V/100K	19.0	20.9	12.0	8.00
TMPC0605HV-4R7MG-D	4.70	±20	1V/100K	28.0	30.8	10.0	6.50
TMPC0605HV-4R9MG-D	4.90	±20	1V/100K	32.0	38.0	9.50	6.30
TMPC0605HV-5R6MG-D	5.60	±20	1V/100K	43.5	49.0	9.00	6.00
TMPC0605HV-6R8MG-D	6.80	±20	1V/100K	46.0	51.5	8.50	5.50
TMPC0605HV-8R2MG-D	8.20	±20	1V/100K	56.0	63.0	8.00	5.00
TMPC0605HV-100MG-D	10.0	±20	1V/100K	60.0	69.0	7.50	4.00
TMPC0605HV-120MG-D	12.0	±20	1V/100K	68.0	80.0	6.70	3.80
TMPC0605HV-150MG-D	15.0	±20	1V/100K	81.0	92.0	6.00	3.50
TMPC0605HV-220MG-D	22.0	±20	1V/100K	140	170	5.50	2.50

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	8.80±0.40
B	8.40±0.30
C	3.80±0.20
D	1.60±0.30
E	5.00±0.30

Units: mm

■ Specifications

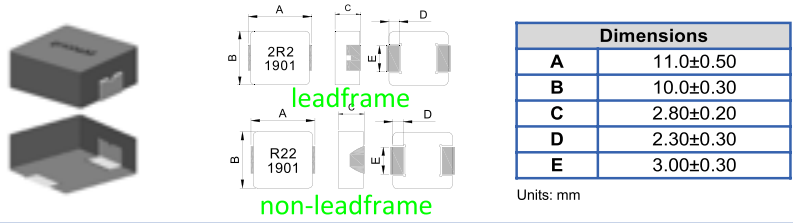
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC8040HPV-R22MG-D	0.22	±20	1V/100K	1.60	1.76	60.0	56.0	31.0	29.0
TMPC8040HPV-R33MG-D	0.33	±20	1V/100K	2.00	2.20	55.0	50.0	30.0	28.0
TMPC8040HPV-R47MG-D	0.47	±20	1V/100K	2.60	2.86	40.0	35.0	28.0	25.0
TMPC8040HPV-R56MG-D	0.56	±20	1V/100K	2.70	2.97	38.0	34.0	25.0	24.0
TMPC8040HPV-R68MG-D	0.68	±20	1V/100K	3.10	3.41	36.0	32.0	23.0	21.0
TMPC8040HPV-R82MG-D	0.82	±20	1V/100K	3.70	4.10	32.0	29.0	21.0	19.0
TMPC8040HPV-1R0MG-D	1.00	±20	1V/100K	4.50	4.95	29.0	26.0	18.0	16.0
TMPC8040HPV-1R5MG-D	1.50	±20	1V/100K	6.60	7.30	27.0	24.0	17.0	15.0
TMPC8040HPV-2R2MG-D	2.20	±20	1V/100K	10.8	11.9	25.0	22.0	16.0	14.0
TMPC8040HPV-3R3MG-D	3.30	±20	1V/100K	15.0	16.5	22.0	20.0	14.0	12.0
TMPC8040HPV-4R7MG-D	4.70	±20	1V/100K	26.8	29.5	19.0	16.0	8.50	7.50
TMPC8040HPV-5R6MG-D	5.60	±20	1V/100K	30.0	35.0	17.0	15.0	7.50	6.80
TMPC8040HPV-6R8MG-D	6.80	±20	1V/100K	40.0	46.0	16.5	14.5	6.50	5.80
TMPC8040HPV-8R2MG-D	8.20	±20	1V/100K	44.0	51.0	16.0	14.0	6.50	5.80
TMPC8040HPV-100MG-D	10.0	±20	1V/100K	53.0	61.0	10.0	8.5	5.60	5.20

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



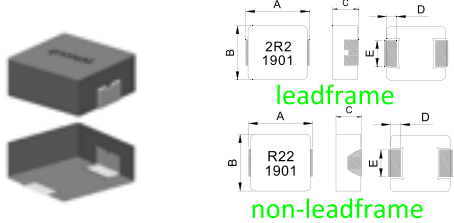
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC1003HV-R36MG-D	0.36	±20	1V/100K	1.30	1.60	40.0	23.0
TMPC1003HV-R47MG-D	0.47	±20	1V/100K	2.10	2.50	33.0	20.0
TMPC1003HV-R56MG-D	0.56	±20	1V/100K	2.60	3.00	24.0	16.0
TMPC1003HV-R82MG-D	0.82	±20	1V/100K	3.90	4.50	22.0	15.0
TMPC1003HV-1R0MG-D	1.00	±20	1V/100K	4.60	6.00	20.0	15.0
TMPC1003HV-1R5MG-D	1.50	±20	1V/100K	6.50	7.50	20.0	13.0
TMPC1003HV-2R2MG-D	2.20	±20	1V/100K	8.00	9.00	16.0	12.0
TMPC1003HV-3R3MG-D	3.30	±20	1V/100K	14.5	16.0	14.0	9.00
TMPC1003HV-4R7MG-D	4.70	±20	1V/100K	20.5	22.5	13.0	7.00
TMPC1003HV-5R6MG-D	5.60	±20	1V/100K	28.0	32.5	12.0	7.00
TMPC1003HV-6R8MG-D	6.80	±20	1V/100K	30.2	35.0	9.50	6.50
TMPC1003HV-8R2MG-D	8.20	±20	1V/100K	42.0	48.0	8.50	6.00
TMPC1003HV-100MG-D	10.0	±20	1V/100K	50.0	55.0	8.00	5.00

- Note:
- Heat Rated Current (I_{rms}) will cause the coil temperature rise approximately ΔT of 40℃.
 - Saturation Current (I_{sat}) will cause L₀ to drop approximately 30%.



■ Dimensions



Dimensions	
A	11.0±0.50
B	10.0±0.30
C	3.80±0.20
D	2.30±0.30
E	3.00±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC1004HV-R15YG-D	0.15	±30	1V/100K	0.50	0.60	75.00	70.00	43.00	40.00
TMPC1004HV-R18YG-D	0.18	±30	1V/100K	0.54	0.80	72.00	68.00	38.00	36.00
TMPC1004HV-R19YG-D	0.19	±30	1V/100K	0.60	0.90	70.00	66.00	36.00	35.00
TMPC1004HV-R20YG-D	0.20	±30	1V/100K	0.66	0.95	70.00	64.00	35.00	34.00
TMPC1004HV-R22MG-D	0.22	±20	1V/100K	0.80	1.00	60.00	57.00	35.00	33.00
TMPC1004HV-R24MG-D	0.24	±20	1V/100K	0.80	1.00	60.00	56.00	34.00	32.00
TMPC1004HV-R25MG-D	0.25	±20	1V/100K	0.80	1.00	60.00	55.00	33.50	32.00
TMPC1004HV-R27MG-D	0.27	±20	1V/100K	0.82	1.00	60.00	54.00	33.00	31.00
TMPC1004HV-R30MG-D	0.30	±20	1V/100K	0.94	1.10	60.00	52.00	32.00	30.00
TMPC1004HV-R33MG-D	0.33	±20	1V/100K	1.00	1.20	60.00	50.00	31.00	29.00
TMPC1004HV-R36MG-D	0.36	±20	1V/100K	1.05	1.20	60.00	48.00	31.00	28.00
TMPC1004HV-R39MG-D	0.39	±20	1V/100K	1.10	1.30	60.00	45.00	30.00	27.00
TMPC1004HV-R45MG-D	0.45	±20	1V/100K	1.30	1.50	45.00	41.00	29.00	26.00
TMPC1004HV-R47MG-D	0.47	±20	1V/100K	1.30	1.50	43.00	40.00	28.00	25.00
TMPC1004HV-R56MG-D	0.56	±20	1V/100K	1.60	1.80	40.00	38.00	25.00	24.00
TMPC1004HV-R68MG-D	0.68	±20	1V/100K	2.40	2.70	39.00	37.00	22.00	21.00
TMPC1004HV-R75MG-D	0.75	±20	1V/100K	2.40	2.70	39.00	36.00	22.00	20.00
TMPC1004HV-R88MG-D	0.88	±20	1V/100K	2.50	2.90	38.00	35.00	20.00	19.00
TMPC1004HV-R90MG-D	0.90	±20	1V/100K	2.60	3.00	38.00	35.00	20.00	18.00
TMPC1004HV-1R0MG-D	1.00	±20	1V/100K	3.00	3.30	36.00	34.00	18.00	17.00
TMPC1004HV-1R2MG-D	1.20	±20	1V/100K	3.30	3.80	33.00	32.00	17.00	16.00

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Specifications

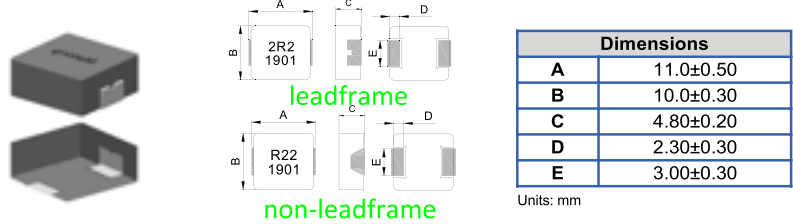
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC1004HV-1R5MG-D	1.50	±20	1V/100K	4.00	4.60	33.00	31.00	16.00	15.00
TMPC1004HV-1R8MG-D	1.80	±20	1V/100K	5.30	6.40	30.00	29.00	14.00	13.00
TMPC1004HV-2R2MG-D	2.20	±20	1V/100K	6.50	7.00	27.00	25.00	12.00	11.00
TMPC1004HV-2R5MG-D	2.50	±20	1V/100K	7.90	8.70	23.00	21.00	11.50	10.50
TMPC1004HV-3R0MG-D	3.00	±20	1V/100K	10.00	11.50	21.00	19.00	11.50	10.00
TMPC1004HV-3R3MG-D	3.30	±20	1V/100K	10.80	11.80	20.00	18.00	11.00	10.00
TMPC1004HV-3R9MG-D	3.90	±20	1V/100K	12.60	14.50	19.00	17.00	10.50	9.50
TMPC1004HV-4R0MG-D	4.00	±20	1V/100K	13.00	15.00	18.00	17.00	10.20	9.50
TMPC1004HV-4R7MG-D	4.70	±20	1V/100K	15.00	15.50	17.00	16.00	10.00	9.00
TMPC1004HV-5R6MG-D	5.60	±20	1V/100K	17.00	19.30	14.00	13.00	9.00	8.50
TMPC1004HV-6R2MG-D	6.20	±20	1V/100K	17.20	21.30	13.70	12.50	8.70	8.00
TMPC1004HV-6R5MG-D	6.50	±20	1V/100K	17.30	22.30	13.60	12.50	8.60	8.00
TMPC1004HV-6R8MG-D	6.80	±20	1V/100K	17.50	23.30	13.50	12.30	8.50	7.50
TMPC1004HV-7R3MG-D	7.30	±20	1V/100K	19.00	21.80	13.00	12.00	8.30	7.30
TMPC1004HV-8R2MG-D	8.20	±20	1V/100K	20.00	22.50	12.50	11.50	8.00	6.80
TMPC1004HV-100MG-D	10.0	±20	1V/100K	27.00	30.00	12.00	11.00	7.50	6.30
TMPC1004HV-120MG-D	12.0	±20	1V/100K	36.00	42.00	11.00	10.50	6.80	6.00
TMPC1004HV-150MG-D	15.0	±20	1V/100K	40.00	45.00	10.00	9.50	6.25	5.70
TMPC1004HV-180MG-D	18.0	±20	1V/100K	56.00	62.00	9.00	8.50	5.50	5.10
TMPC1004HV-220MG-D	22.0	±20	1V/100K	64.00	74.00	7.00	6.50	5.00	4.50

Note:

- 1.Heat Rated Current (I rms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC1005HV-R30MG-D	0.30	±20	1V/100K	0.57	0.61	65.00	38.00
TMPC1005HV-R47MG-D	0.47	±20	1V/100K	1.15	1.38	50.00	28.00
TMPC1005HV-R50MG-D	0.50	±20	1V/100K	1.30	1.50	48.00	27.00
TMPC1005HV-R56MG-D	0.56	±20	1V/100K	1.30	1.50	43.00	26.50
TMPC1005HV-R68MG-D	0.68	±20	1V/100K	1.70	1.90	35.00	25.00
TMPC1005HV-R82MG-D	0.82	±20	1V/100K	2.00	2.40	36.00	25.00
TMPC1005HV-R90MG-D	0.90	±20	1V/100K	2.20	3.00	32.00	25.00
TMPC1005HV-1R0MG-D	1.00	±20	1V/100K	2.80	3.50	30.00	22.00
TMPC1005HV-1R2MG-D	1.20	±20	1V/100K	2.90	3.50	28.00	20.00
TMPC1005HV-1R3MG-D	1.30	±20	1V/100K	3.20	3.70	28.00	20.00
TMPC1005HV-1R5MG-D	1.50	±20	1V/100K	3.50	4.10	27.00	19.00
TMPC1005HV-1R8MG-D	1.80	±20	1V/100K	3.70	4.70	25.50	17.50
TMPC1005HV-2R2MG-D	2.20	±20	1V/100K	5.40	6.00	24.00	16.00
TMPC1005HV-3R3MG-D	3.30	±20	1V/100K	9.00	10.40	22.00	14.00
TMPC1005HV-4R7MG-D	4.70	±20	1V/100K	10.00	12.50	19.00	13.00
TMPC1005HV-5R0MG-D	5.00	±20	1V/100K	12.20	15.00	18.00	12.00
TMPC1005HV-5R6MG-D	5.60	±20	1V/100K	14.00	16.80	16.00	10.00
TMPC1005HV-6R8MG-D	6.80	±20	1V/100K	16.50	21.00	15.00	9.50
TMPC1005HV-8R2MG-D	8.20	±20	1V/100K	18.50	24.00	14.50	9.00
TMPC1005HV-100MG-D	10.0	±20	1V/100K	25.00	29.00	13.50	8.00
TMPC1005HV-120MG-D	12.0	±20	1V/100K	30.00	35.00	10.00	6.00
TMPC1005HV-150MG-D	15.0	±20	1V/100K	37.00	45.00	9.50	5.50
TMPC1005HV-220MG-D	22.0	±20	1V/100K	50.00	60.00	9.00	5.00
TMPC1005HV-240MG-D	24.0	±20	1V/100K	59.00	70.80	7.70	4.60
TMPC1005HV-330MG-D	33.0	±20	1V/100K	80.00	92.00	7.50	4.30
TMPC1005HV-470MG-D	47.0	±20	1V/100K	125.00	145.00	6.50	3.80
TMPC1005HV-680MG-D	68.0	±20	1V/100K	176.00	205.00	4.00	2.50

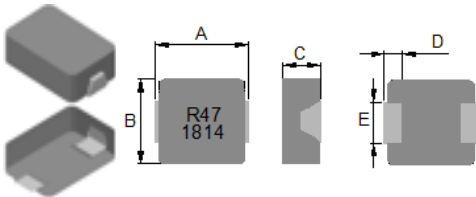
Note:

1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.

2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	13.0±0.50
B	8.00±0.30
C	3.80±0.20
D	2.30±0.30
E	3.00±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.	I rms (A) max.
TMPC120804HV-R22MG-D	0.22	±20	1V/100K	0.45	0.60	80.0	45.0	35.0
TMPC120804HV-R47MG-D	0.47	±20	1V/100K	1.10	1.20	60.0	35.0	30.0

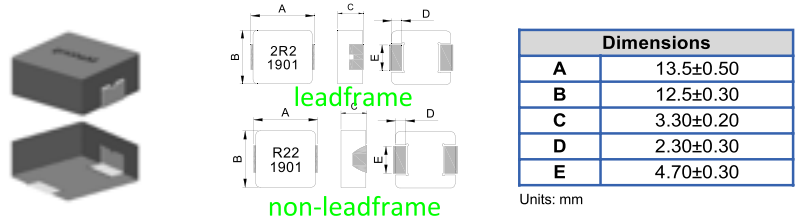
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPC1235HPV Series (5353 inch -55~+125℃)



■ Dimensions



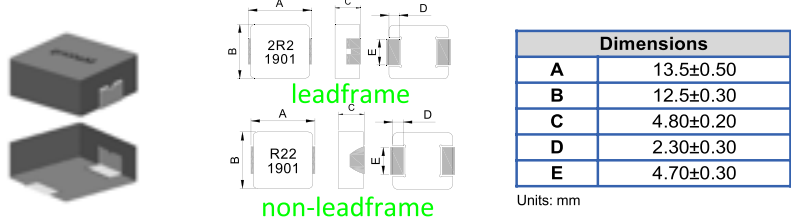
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC1235HPV-1R0MG-D	1.00	±20	1V/100K	2.70	3.50	40.0	24.0
TMPC1235HPV-1R2MG-D	1.20	±20	1V/100K	4.00	5.00	37.0	21.0
TMPC1235HPV-1R5MG-D	1.50	±20	1V/100K	4.80	5.50	35.0	19.0
TMPC1235HPV-1R8MG-D	1.80	±20	1V/100K	5.20	7.00	30.0	17.0
TMPC1235HPV-2R2MG-D	2.20	±20	1V/100K	6.30	8.00	29.0	16.0
TMPC1235HPV-3R3MG-D	3.30	±20	1V/100K	11.0	13.5	27.0	12.0
TMPC1235HPV-4R7MG-D	4.70	±20	1V/100K	15.3	18.5	24.0	10.0
TMPC1235HPV-5R6MG-D	5.60	±20	1V/100K	18.0	22.0	19.0	9.50
TMPC1235HPV-6R8MG-D	6.80	±20	1V/100K	20.0	24.0	18.0	9.00
TMPC1235HPV-8R2MG-D	8.20	±20	1V/100K	23.0	28.0	16.0	8.50
TMPC1235HPV-100MG-D	10.0	±20	1V/100K	29.0	34.0	14.0	7.50

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

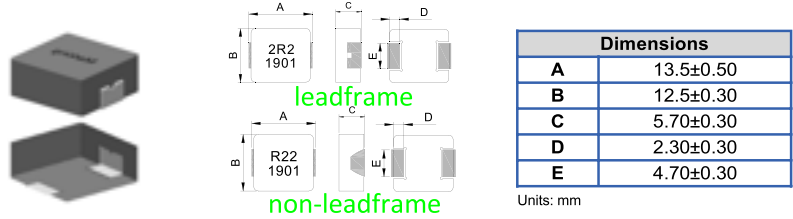
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC1205HPV-R20MG-D	0.20	±20	1V/100K	0.45	0.55	110.00	52.00
TMPC1205HPV-R22MG-D	0.22	±20	1V/100K	0.50	0.70	110.00	52.00
TMPC1205HPV-R33MG-D	0.33	±20	1V/100K	0.70	0.90	80.00	42.00
TMPC1205HPV-R36MG-D	0.36	±20	1V/100K	0.75	0.95	75.00	42.00
TMPC1205HPV-R39MG-D	0.39	±20	1V/100K	0.78	0.95	70.00	42.00
TMPC1205HPV-R47MG-D	0.47	±20	1V/100K	0.86	1.10	65.00	38.00
TMPC1205HPV-R50MG-D	0.50	±20	1V/100K	0.90	1.30	60.00	37.00
TMPC1205HPV-R56MG-D	0.56	±20	1V/100K	1.00	1.50	55.00	36.00
TMPC1205HPV-R68MG-D	0.68	±20	1V/100K	1.40	1.70	54.00	34.00
TMPC1205HPV-R82MG-D	0.82	±20	1V/100K	1.70	2.10	52.00	31.00
TMPC1205HPV-1R0MG-D	1.00	±20	1V/100K	1.85	2.50	50.00	29.00
TMPC1205HPV-1R2MG-D	1.20	±20	1V/100K	2.50	3.00	49.00	28.00
TMPC1205HPV-1R5MG-D	1.50	±20	1V/100K	2.80	3.30	48.00	27.00
TMPC1205HPV-1R8MG-D	1.80	±20	1V/100K	4.00	4.90	40.00	21.00
TMPC1205HPV-2R2MG-D	2.20	±20	1V/100K	4.20	5.50	32.00	20.00
TMPC1205HPV-2R7MG-D	2.70	±20	1V/100K	4.70	6.70	32.00	17.00
TMPC1205HPV-3R3MG-D	3.30	±20	1V/100K	6.80	9.20	32.00	15.00
TMPC1205HPV-4R7MG-D	4.70	±20	1V/100K	11.40	15.00	27.00	12.00
TMPC1205HPV-5R0MG-D	5.00	±20	1V/100K	12.00	15.50	24.00	12.00
TMPC1205HPV-5R6MG-D	5.60	±20	1V/100K	12.30	16.50	22.00	11.50
TMPC1205HPV-6R0MG-D	6.00	±20	1V/100K	13.00	16.50	21.50	11.50
TMPC1205HPV-6R8MG-D	6.80	±20	1V/100K	14.50	18.50	21.00	11.00
TMPC1205HPV-7R8MG-D	7.80	±20	1V/100K	16.00	19.20	19.00	10.00
TMPC1205HPV-8R2MG-D	8.20	±20	1V/100K	16.80	22.50	18.00	9.50
TMPC1205HPV-100MG-D	10.0	±20	1V/100K	21.40	25.50	16.00	9.00
TMPC1205HPV-120MG-D	12.0	±20	1V/100K	28.00	34.00	15.00	8.60
TMPC1205HPV-150MG-D	15.0	±20	1V/100K	32.00	38.00	13.00	8.20
TMPC1205HPV-180MG-D	18.0	±20	1V/100K	40.00	45.00	11.00	7.50
TMPC1205HPV-220MG-D	22.0	±20	1V/100K	50.00	58.00	10.00	6.50

Note:
1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPC1206HPV Series (5353 inch -55~+125℃)



■ Dimensions



■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPC1206HPV-1R0MG-D	1.00	±20	1V/100K	1.80	2.40	53.0	47.0	29.0	27.0
TMPC1206HPV-1R2MG-D	1.20	±20	1V/100K	2.10	2.80	51.0	45.0	28.0	25.0
TMPC1206HPV-1R5MG-D	1.50	±20	1V/100K	2.70	3.20	50.0	43.0	26.0	24.0
TMPC1206HPV-1R7MG-D	1.70	±20	1V/100K	3.50	4.00	48.0	42.0	25.0	22.0
TMPC1206HPV-1R8MG-D	1.80	±20	1V/100K	3.50	4.00	47.0	42.0	24.0	22.0
TMPC1206HPV-1R9MG-D	1.90	±20	1V/100K	3.70	4.30	44.0	41.0	22.0	21.0
TMPC1206HPV-2R2MG-D	2.20	±20	1V/100K	4.00	4.70	43.0	39.0	21.0	19.0
TMPC1206HPV-2R7MG-D	2.70	±20	1V/100K	4.60	5.40	40.0	36.0	19.0	18.0
TMPC1206HPV-2R9MG-D	2.90	±20	1V/100K	4.90	6.00	38.0	35.0	18.0	17.0
TMPC1206HPV-3R3MG-D	3.30	±20	1V/100K	5.80	7.10	35.0	32.0	17.0	15.0
TMPC1206HPV-4R7MG-D	4.70	±20	1V/100K	9.50	11.5	30.0	26.0	16.0	13.0
TMPC1206HPV-5R6MG-D	5.60	±20	1V/100K	10.8	12.6	28.0	24.0	15.5	12.0
TMPC1206HPV-6R8MG-D	6.80	±20	1V/100K	12.0	13.8	25.0	21.0	15.0	11.0
TMPC1206HPV-8R2MG-D	8.20	±20	1V/100K	13.6	16.0	23.0	19.0	11.0	10.0
TMPC1206HPV-100MG-D	10.0	±20	1V/100K	18.0	20.7	21.0	18.0	11.0	9.00
TMPC1206HPV-120MG-D	12.0	±20	1V/100K	20.0	23.0	18.0	16.0	9.50	8.00
TMPC1206HPV-150MG-D	15.0	±20	1V/100K	25.0	29.0	16.0	14.0	9.00	7.00
TMPC1206HPV-180MG-D	18.0	±20	1V/100K	30.0	35.0	15.0	12.0	8.50	6.50
TMPC1206HPV-220MG-D	22.0	±20	1V/100K	34.0	39.5	14.0	11.0	8.00	6.00
TMPC1206HPV-270MG-D	27.0	±20	1V/100K	49.0	56.0	13.0	10.0	7.00	5.50
TMPC1206HPV-330MG-D	33.0	±20	1V/100K	65.0	75.0	12.0	9.00	6.00	5.00
TMPC1206HPV-470MG-D	47.0	±20	1V/100K	80.0	90.0	11.0	8.00	5.50	4.50

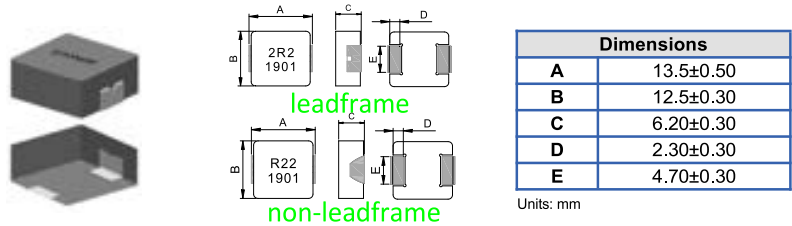
Note:

1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.

2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC1265HPV-R15MG-D	0.15	±20	1V/100K	0.49	0.60	118.00	55.00
TMPC1265HPV-R22MG-D	0.22	±20	1V/100K	0.47	0.60	112.00	53.00
TMPC1265HPV-R30MG-D	0.30	±20	1V/100K	0.60	0.72	72.00	48.00
TMPC1265HPV-R33MG-D	0.33	±20	1V/100K	0.65	0.80	68.00	46.00
TMPC1265HPV-R36MG-D	0.36	±20	1V/100K	0.70	0.90	66.00	45.00
TMPC1265HPV-R40MG-D	0.40	±20	1V/100K	0.70	1.00	64.00	44.00
TMPC1265HPV-R45MG-D	0.45	±20	1V/100K	0.90	1.20	63.00	42.00
TMPC1265HPV-R47MG-D	0.47	±20	1V/100K	0.90	1.20	63.00	41.00
TMPC1265HPV-R50MG-D	0.50	±20	1V/100K	0.92	1.25	60.00	40.00
TMPC1265HPV-R56MG-D	0.56	±20	1V/100K	1.05	1.20	58.00	37.00
TMPC1265HPV-R68MG-D	0.68	±20	1V/100K	1.25	1.50	55.00	35.00
TMPC1265HPV-R82MG-D	0.82	±20	1V/100K	1.50	1.90	50.00	33.00
TMPC1265HPV-1R0MG-D	1.00	±20	1V/100K	1.70	2.30	48.00	30.00
TMPC1265HPV-1R2MG-D	1.20	±20	1V/100K	1.90	2.40	47.00	28.00
TMPC1265HPV-1R5MG-D	1.50	±20	1V/100K	2.50	3.00	45.00	27.00
TMPC1265HPV-1R8MG-D	1.80	±20	1V/100K	3.60	4.00	40.00	24.00
TMPC1265HPV-2R2MG-D	2.20	±20	1V/100K	3.80	4.20	37.00	22.00
TMPC1265HPV-2R7MG-D	2.70	±20	1V/100K	4.30	5.50	32.00	20.00
TMPC1265HPV-3R3MG-D	3.30	±20	1V/100K	5.70	6.80	30.00	18.00

Note:
1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPC1265HPV Series (5353 inch -55~+125℃)



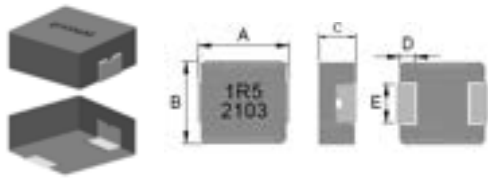
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC1265HPV-4R7MG-D	4.70	±20	1V/100K	7.0	8.4	28.0	13.5
TMPC1265HPV-5R6MG-D	5.60	±20	1V/100K	8.5	10.0	23.0	12.5
TMPC1265HPV-6R8MG-D	6.80	±20	1V/100K	9.5	11.5	18.0	11.5
TMPC1265HPV-7R0MG-D	7.00	±20	1V/100K	10.0	12.3	17.7	11.2
TMPC1265HPV-8R2MG-D	8.20	±20	1V/100K	12.0	15.5	16.0	10.5
TMPC1265HPV-100MG-D	10.0	±20	1V/100K	13.2	16.5	15.5	10.0
TMPC1265HPV-120MG-D	12.0	±20	1V/100K	16.0	20.0	14.0	9.5
TMPC1265HPV-130MG-D	13.0	±20	1V/100K	21.0	24.0	13.0	9.0
TMPC1265HPV-150MG-D	15.0	±20	1V/100K	23.2	28.0	13.0	9.0
TMPC1265HPV-220MG-D	22.0	±20	1V/100K	32.5	37.0	12.0	9.0
TMPC1265HPV-330MG-D	33.0	±20	1V/100K	48.0	58.0	11.0	8.0
TMPC1265HPV-470MG-D	47.0	±20	1V/100K	76.0	90.0	9.5	6.5

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	17.6±0.40
B	16.9±0.30
C	6.70±0.30
D	2.10±0.30
E	11.9±0.30

Units: mm

■ Specifications

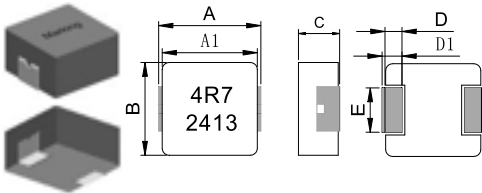
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I rms (A) typ.
TMPC1707HPV-1R0MG	1.00	±20	1V/100K	1.60	2.00	70.0	52.0
TMPC1707HPV-1R3MG	1.30	±20	1V/100K	1.70	2.30	67.0	49.0
TMPC1707HPV-1R5MG	1.50	±20	1V/100K	2.00	2.50	65.0	47.0
TMPC1707HPV-1R8MG	1.80	±20	1V/100K	2.10	2.50	63.0	45.0
TMPC1707HPV-2R2MG	2.20	±20	1V/100K	2.40	2.70	62.0	43.5
TMPC1707HPV-3R3MG	3.30	±20	1V/100K	3.50	3.90	54.0	28.0
TMPC1707HPV-4R7MG	4.70	±20	1V/100K	4.80	5.50	50.0	25.0
TMPC1707HPV-5R6MG	5.60	±20	1V/100K	5.80	7.10	45.0	21.0
TMPC1707HPV-6R8MG	6.80	±20	1V/100K	8.40	9.20	39.0	19.0
TMPC1707HPV-7R4MG	7.40	±20	1V/100K	8.80	9.70	34.0	18.5
TMPC1707HPV-8R2MG	8.20	±20	1V/100K	9.60	10.8	31.0	18.0
TMPC1707HPV-100MG	10.0	±20	1V/100K	11.8	13.0	29.0	16.5
TMPC1707HPV-150MG	15.0	±20	1V/100K	17.8	20.5	27.0	12.5
TMPC1707HPV-220MG	22.0	±20	1V/100K	25.1	26.5	23.0	12.0
TMPC1707HPV-330MG	33.0	±20	1V/100K	38.0	44.0	20.0	10.7
TMPC1707HPV-390MG	39.0	±20	1V/100K	40.0	48.0	18.0	9.20
TMPC1707HPV-470MG	47.0	±20	1V/100K	48.0	55.0	16.0	8.70
TMPC1707HPV-560MG	56.0	±20	1V/100K	54.0	62.0	15.0	7.80
TMPC1707HPV-680MG	68.0	±20	1V/100K	68.0	80.0	13.0	7.00
TMPC1707HPV-820MG	82.0	±20	1V/100K	87.0	100	12.0	5.70
TMPC1707HPV-101MG	100	±20	1V/100K	102	118	12.0	5.30

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPV0503SPV Series (2221 inch -55 ~+165℃)



■ Dimensions



Dimensions	
A	5.50±0.30
A1	4.90±0.30
B	5.25±0.20
C	2.80±0.20
D	1.10±0.30
D1	1.30±0.30
E	3.00±0.30

Units: mm

■ Specifications

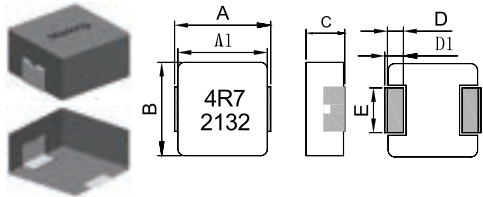
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPV0503SPV-R10MN-D	0.10	±20	1V/100K	1.50	1.80	33.00	30.00	20.00	17.00
TMPV0503SPV-R33MN-D	0.33	±20	1V/100K	3.90	4.70	15.00	13.00	17.00	15.00
TMPV0503SPV-R36MN-D	0.36	±20	1V/100K	4.30	5.20	14.50	12.50	16.00	14.00
TMPV0503SPV-R68MN-D	0.68	±20	1V/100K	8.50	9.70	11.70	10.00	12.00	11.00
TMPV0503SPV-1R0MN-D	1.00	±20	1V/100K	10.00	11.50	8.00	6.70	10.50	9.50
TMPV0503SPV-1R5MN-D	1.50	±20	1V/100K	15.40	17.70	6.50	5.70	8.50	7.60
TMPV0503SPV-2R2MN-D	2.20	±20	1V/100K	20.00	23.00	5.80	4.80	7.50	6.60
TMPV0503SPV-3R3MN-D	3.30	±20	1V/100K	31.00	36.00	5.40	4.50	6.00	5.50
TMPV0503SPV-4R7MN-D	4.70	±20	1V/100K	49.00	57.00	4.50	4.00	5.20	4.40
TMPV0503SPV-5R6MN-D	5.60	±20	1V/100K	61.00	71.00	4.30	3.80	4.40	3.80
TMPV0503SPV-6R8MN-D	6.80	±20	1V/100K	72.00	83.00	4.00	3.50	4.00	3.50
TMPV0503SPV-100MN-D	10.0	±20	1V/100K	97.00	111	2.40	2.00	3.00	2.50
TMPV0503SPV-150MN-D	15.0	±20	1V/100K	165	190	2.20	1.90	2.50	2.00
TMPV0503SPV-220MN-D	22.0	±20	1V/100K	205	235	2.00	1.70	2.20	1.80

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	5.50±0.30
A1	4.90±0.30
B	5.25±0.20
C	3.80±0.20
D	1.10±0.30
D1	1.30±0.30
E	3.00±0.30

Units: mm

■ Specifications

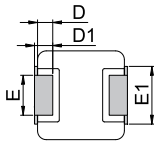
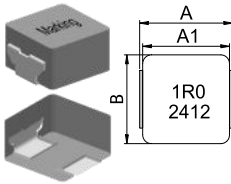
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPV0504SPV-R47MN-D	0.47	±20	1V/100K	5.50	6.30	16.3	14.8	13.5	12.5
TMPV0504SPV-R68MN-D	0.68	±20	1V/100K	7.50	8.60	15.2	13.7	12.5	11.5
TMPV0504SPV-1R0MN-D	1.00	±20	1V/100K	9.80	11.3	13.0	11.5	11.5	10.5
TMPV0504SPV-1R5MN-D	1.50	±20	1V/100K	14.7	16.2	12.0	10.5	9.00	8.00
TMPV0504SPV-2R2MN-D	2.20	±20	1V/100K	21.8	24.0	11.0	9.50	7.80	7.00
TMPV0504SPV-3R3MN-D	3.30	±20	1V/100K	30.0	34.5	9.00	8.00	6.80	6.20
TMPV0504SPV-4R7MN-D	4.70	±20	1V/100K	35.6	39.2	8.10	7.20	6.10	5.70
TMPV0504SPV-6R8MN-D	6.80	±20	1V/100K	50.0	57.5	6.30	5.40	5.20	4.70
TMPV0504SPV-100MN-D	10.0	±20	1V/100K	82.0	92.0	5.20	4.60	4.00	3.60
TMPV0504SPV-150MN-D	15.0	±20	1V/100K	100	120	3.80	3.20	3.00	2.80
TMPV0504SPV-220MN-D	22.0	±20	1V/100K	170	187	3.50	3.00	2.70	2.40

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	7.10±0.30
A1	6.60±0.20
B	6.60±0.20
C	2.80±0.20
D	1.60±0.30
D1	1.80±0.30
E	3.00±0.20
E1	4.30±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPV0603SV-R47MN-D	0.47	±20	1V/100K	3.40	3.74	19.00	17.00	19.00	17.00
TMPV0603SV-1R0MN-D	1.00	±20	1V/100K	6.00	6.60	14.00	12.50	14.00	12.50
TMPV0603SV-1R5MN-D	1.50	±20	1V/100K	10.60	11.70	13.00	12.00	11.50	10.00
TMPV0603SV-2R2MN-D	2.20	±20	1V/100K	15.00	16.50	10.50	9.50	9.00	8.00
TMPV0603SV-3R3MN-D	3.30	±20	1V/100K	22.00	24.20	9.50	8.10	7.80	6.60
TMPV0603SV-4R7MN-D	4.70	±20	1V/100K	29.00	32.00	7.20	6.20	6.40	5.50
TMPV0603SV-6R8MN-D	6.80	±20	1V/100K	42.00	46.20	6.10	5.50	5.20	4.50
TMPV0603SV-8R2MN-D	8.20	±20	1V/100K	49.00	54.00	5.60	4.50	4.80	4.00
TMPV0603SV-100MN-D	10.0	±20	1V/100K	63.00	69.30	4.70	4.00	4.20	3.70
TMPV0603SV-150MN-D	15.0	±20	1V/100K	100.0	110.0	4.00	3.20	3.70	3.20
TMPV0603SV-220MN-D	22.0	±20	1V/100K	150.0	165.0	3.00	2.50	2.90	2.40

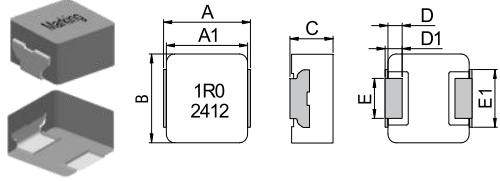
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPV0754SPV Series (3129 inch -55~+165℃)



■ Dimensions



Dimensions	
A	7.90±0.30
A1	7.30±0.20
B	7.30±0.20
C	5.20±0.20
D	1.70±0.30
D1	2.00±0.30
E	3.00±0.20
E1	5.40±0.20

Units: mm

■ Specifications

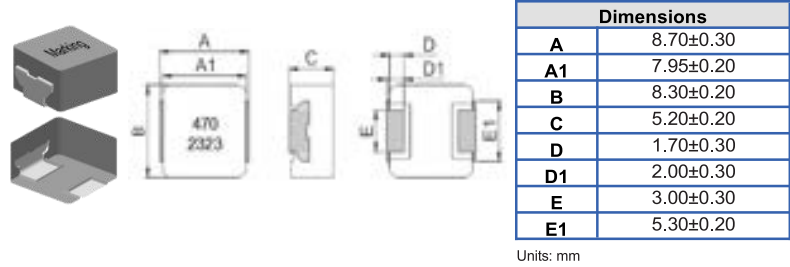
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPV0754SV-R47MN-D	0.47	±20	1V/100K	2.20	2.70	26.00	23.0	24.0	21.00
TMPV0754SV-R56MN-D	0.56	±20	1V/100K	2.60	3.10	25.00	22.00	23.00	20.00
TMPV0754SV-R68MN-D	0.68	±20	1V/100K	3.10	3.70	24.00	21.00	22.00	19.00
TMPV0754SV-1R0MN-D	1.00	±20	1V/100K	5.00	6.00	23.00	20.00	20.00	17.00
TMPV0754SV-1R5MN-D	1.50	±20	1V/100K	6.30	7.30	19.00	17.00	17.00	15.00
TMPV0754SV-2R2MN-D	2.20	±20	1V/100K	9.70	11.20	16.50	14.50	14.50	13.00
TMPV0754SV-3R3MN-D	3.30	±20	1V/100K	13.00	15.00	14.00	12.30	11.50	10.50
TMPV0754SV-4R7MN-D	4.70	±20	1V/100K	17.80	20.50	13.30	11.30	10.50	9.00
TMPV0754SV-5R6MN-D	5.60	±20	1V/100K	19.20	22.10	11.00	9.50	9.30	8.50
TMPV0754SV-6R8MN-D	6.80	±20	1V/100K	23.00	26.50	10.20	9.00	8.70	8.00
TMPV0754SV-8R2MN-D	8.20	±20	1V/100K	27.30	31.40	9.20	8.10	8.00	7.50
TMPV0754SV-100MN-D	10.0	±20	1V/100K	33.00	38.00	8.00	7.00	7.20	6.70
TMPV0754SV-120MN-D	12.0	±20	1V/100K	43.00	52.00	7.70	6.70	6.30	5.80
TMPV0754SV-150MN-D	15.0	±20	1V/100K	60.00	66.00	7.20	6.20	5.50	5.00
TMPV0754SV-220MN-D	22.0	±20	1V/100K	85.00	93.50	6.30	5.40	5.00	4.50
TMPV0754SV-330MN-D	33.0	±20	1V/100K	111.0	127.6	4.90	4.20	4.00	3.50
TMPV0754SV-470MN-D	47.0	±20	1V/100K	156.0	171.6	4.10	3.50	3.20	2.70

Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



■ Specifications

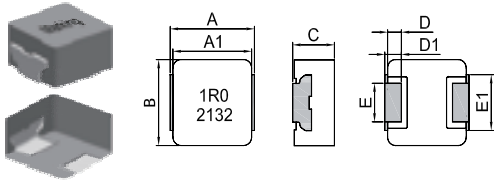
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPV0854SV-1R0MN-D	1.0	±20	1V/100K	4.0	4.8	22.0	19.0	15.5	14.0
TMPV0854SV-2R2MN-D	2.2	±20	1V/100K	6.5	7.8	18.0	15.5	14.5	13.0
TMPV0854SV-3R3MN-D	3.3	±20	1V/100K	9.5	11.4	16.3	14.0	13.5	12.5
TMPV0854SV-4R7MN-D	4.7	±20	1V/100K	13.0	15.6	16.0	14.0	12.0	10.0
TMPV0854SV-100MN-D	10.0	±20	1V/100K	29.0	35.0	9.0	7.7	7.8	6.8
TMPV0854SV-150MN-D	15.0	±20	1V/100K	44.0	52.8	7.8	6.7	6.5	5.5
TMPV0854SV-220MN-D	22.0	±20	1V/100K	56.0	67.0	7.2	6.2	5.5	5.0
TMPV0854SV-470MN-D	47.0	±20	1V/100K	122.0	135.0	5.2	4.5	3.5	3.0

Note:
1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPV1004SV Series (4340 inch -55~+165℃)



■ Dimensions



Dimensions	
A	11.0±0.30
A1	10.1±0.30
B	10.0±0.30
C	3.80±0.20
D	2.00±0.30
D1	2.30±0.30
E	4.50±0.30
E1	6.60±0.30

Units: mm

■ Specifications

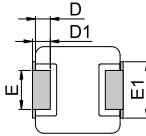
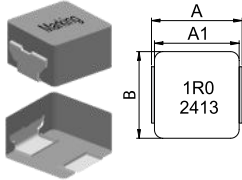
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPV1004SV-R47MN-D	0.47	±20	1V/100K	1.42	1.63	31.0	28.0	34.0	29.0
TMPV1004SV-R56MN-D	0.56	±20	1V/100K	1.70	2.00	29.0	27.0	32.0	27.0
TMPV1004SV-R68MN-D	0.68	±20	1V/100K	2.00	2.30	28.0	26.0	31.0	26.0
TMPV1004SV-R82MN-D	0.82	±20	1V/100K	2.40	2.70	26.5	24.0	27.0	23.0
TMPV1004SV-R78MN-D	0.78	±20	1V/100K	2.30	2.50	27.0	25.0	30.0	25.0
TMPV1004SV-1R0MN-D	1.00	±20	1V/100K	2.70	3.10	26.0	23.0	25.0	21.0
TMPV1004SV-1R5MN-D	1.50	±20	1V/100K	3.90	4.50	24.0	21.0	22.0	19.0
TMPV1004SV-1R8MN-D	1.80	±20	1V/100K	4.40	5.50	23.0	20.0	20.0	17.0
TMPV1004SV-2R2MN-D	2.20	±20	1V/100K	5.30	6.10	19.0	17.0	18.0	16.0
TMPV1004SV-3R3MN-D	3.30	±20	1V/100K	9.00	10.4	17.0	15.0	15.0	13.0
TMPV1004SV-4R7MN-D	4.70	±20	1V/100K	13.4	15.0	13.5	11.5	11.0	10.0
TMPV1004SV-5R6MN-D	5.60	±20	1V/100K	15.4	17.0	12.0	10.5	10.5	9.50
TMPV1004SV-6R8MN-D	6.80	±20	1V/100K	17.0	19.0	11.0	10.0	10.0	9.50
TMPV1004SV-8R2MN-D	8.20	±20	1V/100K	23.0	25.3	9.00	8.00	8.50	7.70
TMPV1004SV-100MN-D	10.0	±20	1V/100K	27.0	30.0	8.20	7.50	8.00	7.20
TMPV1004SV-120MN-D	12.0	±20	1V/100K	29.0	33.4	7.50	6.90	7.40	6.80
TMPV1004SV-150MN-D	15.0	±20	1V/100K	40.0	45.0	7.00	6.30	6.40	6.00
TMPV1004SV-220MN-D	22.0	±20	1V/100K	59.0	68.0	6.00	5.50	5.50	5.00
TMPV1004SV-330MN-D	33.0	±20	1V/100K	89.0	102	4.80	4.10	4.70	3.70
TMPV1004SV-470MN-D	47.0	±20	1V/100K	143	165	4.00	3.60	3.60	3.20

Note:

- 1.Heat Rated Current (I rms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (I sat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	11.00±0.30
A1	10.10±0.30
B	10.0±0.30
C	5.10±0.30
D	2.00±0.30
D1	2.30±0.30
E	4.50±0.30
E1	6.60±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPV1054SV-R33MN-D	0.33	±20	1V/100K	1.00	1.20	60.00	55.00	41.00	36.00
TMPV1054SV-R36MN-D	0.36	±20	1V/100K	1.10	1.32	55.00	50.00	40.00	35.00
TMPV1054SV-R47MN-D	0.47	±20	1V/100K	1.40	1.68	50.00	44.00	36.00	32.00
TMPV1054SV-R56MN-D	0.56	±20	1V/100K	1.60	1.92	48.00	42.00	34.00	30.00
TMPV1054SV-R68MN-D	0.68	±20	1V/100K	1.85	2.22	46.00	40.00	32.00	28.80
TMPV1054SV-1R0MN-D	1.00	±20	1V/100K	2.30	2.76	37.00	31.70	30.00	27.00
TMPV1054SV-1R2MN-D	1.20	±20	1V/100K	3.00	3.60	29.00	26.00	27.00	24.00
TMPV1054SV-1R5MN-D	1.50	±20	1V/100K	3.60	4.30	28.00	25.00	25.00	23.00
TMPV1054SV-1R8MN-D	1.80	±20	1V/100K	3.90	4.60	26.00	22.50	24.00	22.00
TMPV1054SV-2R2MN-D	2.20	±20	1V/100K	4.10	4.90	25.00	21.40	23.00	20.70
TMPV1054SV-2R5MN-D	2.50	±20	1V/100K	5.70	6.70	24.00	21.00	19.10	17.20
TMPV1054SV-3R3MN-D	3.30	±20	1V/100K	6.20	7.20	20.00	17.50	18.70	16.80
TMPV1054SV-4R7MN-D	4.70	±20	1V/100K	9.00	10.00	17.00	14.50	14.50	13.00
TMPV1054SV-5R6MN-D	5.60	±20	1V/100K	10.20	11.70	16.20	14.00	13.20	12.00
TMPV1054SV-6R8MN-D	6.80	±20	1V/100K	12.40	14.00	15.30	13.50	12.30	11.00
TMPV1054SV-8R2MN-D	8.20	±20	1V/100K	17.80	20.50	14.00	12.00	10.30	9.20
TMPV1054SV-100MN-D	10.0	±20	1V/100K	20.00	23.00	13.00	11.00	9.00	7.80

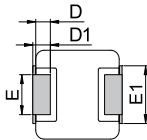
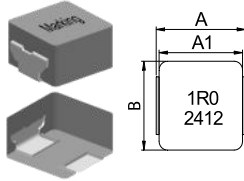
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPV1265SPV Series (5450 inch -55~+165℃)



■ Dimensions



Dimensions	
A	13.60±0.40
A1	12.60±0.30
B	12.60±0.20
C	6.20±0.30
D	2.00±0.30
D1	2.50±0.30
E	5.00±0.30
E1	9.20±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPV1265SPV-R22MN-D	0.22	±20	1V/100K	0.55	0.65	100.00	90.00	56.00	52.00
TMPV1265SPV-R36MN-D	0.36	±20	1V/100K	0.78	0.90	65.00	55.00	50.00	45.00
TMPV1265SPV-R47MN-D	0.47	±20	1V/100K	1.00	1.20	60.00	50.00	45.00	40.00
TMPV1265SPV-R56MN-D	0.56	±20	1V/100K	1.20	1.44	41.00	36.00	40.00	35.00
TMPV1265SPV-R68MN-D	0.68	±20	1V/100K	1.35	1.62	36.50	31.00	36.50	30.00
TMPV1265SPV-1R0MN-D	1.00	±20	1V/100K	1.75	2.10	32.00	28.00	32.00	27.00
TMPV1265SPV-1R5MN-D	1.50	±20	1V/100K	2.30	2.76	29.00	26.00	27.00	24.00
TMPV1265SPV-2R2MN-D	2.20	±20	1V/100K	3.60	4.20	26.00	23.00	23.00	20.00
TMPV1265SPV-3R3MN-D	3.30	±20	1V/100K	5.90	6.80	24.00	21.00	19.00	16.00
TMPV1265SPV-4R7MN-D	4.70	±20	1V/100K	7.30	8.40	20.00	18.00	17.00	14.00
TMPV1265SPV-5R6MN-D	5.60	±20	1V/100K	9.10	10.00	18.00	16.00	15.00	13.00
TMPV1265SPV-6R8MN-D	6.80	±20	1V/100K	9.70	11.20	17.00	15.00	14.00	12.00
TMPV1265SPV-8R2MN-D	8.20	±20	1V/100K	11.80	13.60	16.00	14.00	13.00	11.00
TMPV1265SPV-100MN-D	10.0	±20	1V/100K	14.30	16.50	13.50	12.00	12.00	10.00
TMPV1265SPV-150MN-D	15.0	±20	1V/100K	23.60	27.20	10.00	9.00	9.00	8.00
TMPV1265SPV-220MN-D	22.0	±20	1V/100K	34.10	39.20	8.00	7.00	7.50	6.50
TMPV1265SPV-330MN-D	33.0	±20	1V/100K	53.00	61.00	7.20	6.30	6.30	5.50

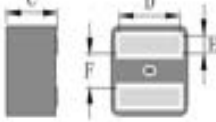
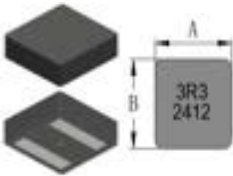
Note:

- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0421HCV Series (1717 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	4.20±0.20
B	4.20±0.20
C	1.90±0.20
D	3.30±0.30
E	0.85±0.20
F	1.65±0.25

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPF0421HCV-R042MD-D	0.042	±20	1V/100K	0.83	1.0	52.0	48.0	40.0	36.0
TMPF0421HCV-R10MD-D	0.10	±20	1V/100K	1.2	1.5	34.0	31.0	34.0	31.0
TMPF0421HCV-R11MD-D	0.11	±20	1V/100K	1.3	1.6	33.0	30.0	33.0	30.0
TMPF0421HCV-R12MD-D	0.12	±20	1V/100K	1.4	1.7	32.0	29.0	32.0	29.0
TMPF0421HCV-R20MD-D	0.20	±20	1V/100K	2.0	2.4	26.0	23.0	27.0	24.0
TMPF0421HCV-R22MD-D	0.22	±20	1V/100K	2.2	2.64	25.0	22.0	26.0	23.0
TMPF0421HCV-R25MD-D	0.25	±20	1V/100K	2.5	3.0	23.0	21.0	24.0	22.0
TMPF0421HCV-R33MD-D	0.33	±20	1V/100K	3.5	4.2	20.0	18.0	22.0	19.0
TMPF0421HCV-R47MD-D	0.47	±20	1V/100K	4.2	5.1	17.0	15.0	19.0	16.0
TMPF0421HCV-R56MD-D	0.56	±20	1V/100K	4.7	5.6	15.5	13.5	18.5	15.0
TMPF0421HCV-R60MD-D	0.60	±20	1V/100K	5.1	5.9	15.0	13.0	18.0	14.0
TMPF0421HCV-R68MD-D	0.68	±20	1V/100K	6.1	7.0	12.0	10.5	15.0	12.0
TMPF0421HCV-R82MD-D	0.82	±20	1V/100K	7.7	8.6	11.5	10.0	14.0	11.5

Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0421HCV Series (1717 inch -55 ~+155℃)



■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPF0421HCV-1R0MD-D	1.00	±20	1V/100K	8.1	9.0	9.5	8.5	12.5	10.5
TMPF0421HCV-1R2MD-D	1.20	±20	1V/100K	10.5	11.8	9.0	8.0	11.5	9.5
TMPF0421HCV-1R5MD-D	1.50	±20	1V/100K	13.0	14.3	8.5	7.5	10.5	9.0
TMPF0421HCV-2R0MD-D	2.00	±20	1V/100K	17.8	20.0	7.0	6.0	8.5	7.5
TMPF0421HCV-2R2MD-D	2.20	±20	1V/100K	19.5	21.5	6.2	5.7	8.0	7.0
TMPF0421HCV-3R3MD-D	3.30	±20	1V/100K	30.8	34.0	5.5	5.0	6.6	5.6
TMPF0421HCV-4R7MD-D	4.70	±20	1V/100K	40.0	44.0	4.8	4.3	5.7	5.2

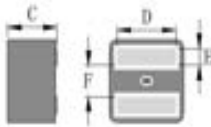
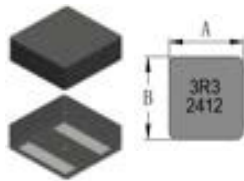
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0425HCV Series (1717 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	4.20±0.20
B	4.20±0.20
C	2.30±0.20
D	3.30±0.30
E	0.85±0.20
F	1.60±0.25

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPF0425HCV-R13MD-D	0.13	±20	1V/100K	1.4	1.7	35.0	32.0	32.0	29.0
TMPF0425HCV-R24MD-D	0.24	±20	1V/100K	2.1	2.5	30.0	27.0	25.0	22.0
TMPF0425HCV-R33MD-D	0.33	±20	1V/100K	2.7	3.2	23.0	20.0	22.0	20.0
TMPF0425HCV-R47MD-D	0.47	±20	1V/100K	3.7	4.5	19.0	17.0	20.0	18.0
TMPF0425HCV-R56MD-D	0.56	±20	1V/100K	4.4	4.9	17.0	15.0	18.0	16.0
TMPF0425HCV-R68MD-D	0.68	±20	1V/100K	5.1	5.9	13.8	13.0	16.5	15.0
TMPF0425HCV-R72MD-D	0.72	±20	1V/100K	5.2	6.0	13.0	12.0	16.0	14.7
TMPF0425HCV-R82MD-D	0.82	±20	1V/100K	6.0	6.9	12.5	11.5	14.5	13.0
TMPF0425HCV-1R0MD-D	1.00	±20	1V/100K	7.1	8.2	11.0	10.0	13.0	11.5
TMPF0425HCV-1R5MD-D	1.50	±20	1V/100K	10.5	12.0	10.0	9.0	11.0	9.5
TMPF0425HCV-2R2MD-D	2.20	±20	1V/100K	15.5	17.0	7.3	6.3	9.0	8.0
TMPF0425HCV-3R3MD-D	3.30	±20	1V/100K	24.5	27.0	5.7	5.2	7.0	6.0
TMPF0425HCV-4R7MD-D	4.70	±20	1V/100K	33.0	36.3	5.0	4.5	6.0	5.0

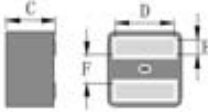
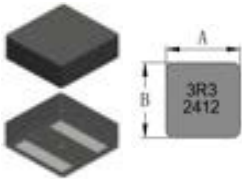
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0431HCV Series (1717 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	4.20±0.20
B	4.20±0.20
C	2.90±0.20
D	3.30±0.30
E	0.85±0.20
F	1.60±0.25

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPF0431HCV-R13MD-D	0.13	±20	1V/100K	1.3	1.6	30.0	27.0	32.0	29.0
TMPF0431HCV-R24MD-D	0.24	±20	1V/100K	2.0	2.4	22.0	20.0	26.0	23.0
TMPF0431HCV-R35MD-D	0.35	±20	1V/100K	2.6	3.0	20.0	18.0	24.0	21.0
TMPF0431HCV-R40MD-D	0.40	±20	1V/100K	2.8	3.2	18.0	16.0	23.0	20.0
TMPF0431HCV-R47MD-D	0.47	±20	1V/100K	3.3	3.8	16.0	13.5	22.0	19.0
TMPF0431HCV-R62MD-D	0.62	±20	1V/100K	4.1	4.6	14.5	12.5	19.0	16.0
TMPF0431HCV-R80MD-D	0.80	±20	1V/100K	4.9	5.5	13.5	11.5	15.0	13.0
TMPF0431HCV-R92MD-D	0.92	±20	1V/100K	6.3	7.0	12.5	11.0	14.0	12.0
TMPF0431HCV-1R0MD-D	1.00	±20	1V/100K	6.5	7.2	11.5	10.0	13.0	11.0
TMPF0431HCV-1R2MD-D	1.20	±20	1V/100K	7.5	8.3	10.0	9.0	12.5	10.5
TMPF0431HCV-1R5MD-D	1.50	±20	1V/100K	9.5	10.5	9.0	8.0	11.0	9.5
TMPF0431HCV-2R2MD-D	2.20	±20	1V/100K	13.2	15.0	7.5	6.5	9.0	8.0
TMPF0431HCV-3R3MD-D	3.30	±20	1V/100K	19.0	21.9	6.0	5.5	8.0	7.0
TMPF0431HCV-4R7MD-D	4.70	±20	1V/100K	28.5	31.5	5.2	4.7	6.6	5.6
TMPF0431HCV-6R8MD-D	6.80	±20	1V/100K	43.5	47.9	4.5	4.2	4.9	4.3
TMPF0431HCV-8R2MD-D	8.20	±20	1V/100K	50.6	55.7	4.0	3.7	4.3	3.8

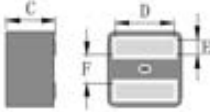
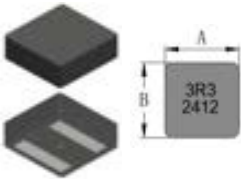
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0521HCV Series (2221 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	5.50±0.20
B	5.30±0.20
C	1.90±0.20
D	4.30±0.30
E	1.10±0.20
F	2.30±0.25

Units: mm

■ Specifications

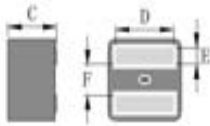
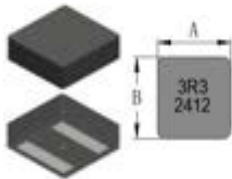
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPF0521HCV-R16MD-D	0.16	±20	1V/100K	1.8	2.1	37.0	33.0	30.0	26.0
TMPF0521HCV-R33MD-D	0.33	±20	1V/100K	2.7	3.2	30.0	26.0	25.0	22.0
TMPF0521HCV-R47MD-D	0.47	±20	1V/100K	3.9	4.3	23.0	20.0	22.1	19.0
TMPF0521HCV-R56MD-D	0.56	±20	1V/100K	4.3	4.9	21.0	18.0	19.5	17.0
TMPF0521HCV-R68MD-D	0.68	±20	1V/100K	5.5	6.1	20.0	17.0	18.0	16.0
TMPF0521HCV-R82MD-D	0.82	±20	1V/100K	5.8	6.7	17.5	15.5	17.1	15.2
TMPF0521HCV-R86MD-D	0.86	±20	1V/100K	6.8	7.8	17.0	15.0	16.0	14.0
TMPF0521HCV-R90MD-D	0.90	±20	1V/100K	6.8	7.8	16.5	14.5	15.6	13.5
TMPF0521HCV-1R0MD-D	1.00	±20	1V/100K	7.7	8.7	16.0	15.0	15.0	13.0
TMPF0521HCV-1R2MD-D	1.20	±20	1V/100K	8.8	10.1	14.5	13.0	13.3	11.5
TMPF0521HCV-1R5MD-D	1.50	±20	1V/100K	11.6	13.2	14.0	12.5	12.8	11.0
TMPF0521HCV-1R8MD-D	1.80	±20	1V/100K	14.5	16.2	12.5	11.0	11.7	9.8
TMPF0521HCV-2R2MD-D	2.20	±20	1V/100K	16.0	18.5	11.0	9.8	10.7	9.2
TMPF0521HCV-3R3MD-D	3.30	±20	1V/100K	23.0	26.5	9.0	8.0	9.4	7.8
TMPF0521HCV-4R7MD-D	4.70	±20	1V/100K	36.0	41.5	7.0	6.0	7.9	6.5

- Note:
- 1.Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃.
 - 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0531HCV Series (2221 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	5.50±0.20
B	5.30±0.20
C	2.90±0.20
D	4.30±0.30
E	1.10±0.20
F	2.30±0.25

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPF0531HCV-R18MD-D	0.18	±20	1V/100K	1.3	1.6	45.0	40.0	34.0	30.0
TMPF0531HCV-R33MD-D	0.33	±20	1V/100K	1.8	2.2	35.0	30.0	32.0	28.0
TMPF0531HCV-R40MD-D	0.40	±20	1V/100K	2.2	2.7	31.0	27.0	27.0	24.0
TMPF0531HCV-R50MD-D	0.50	±20	1V/100K	2.5	3.0	28.0	25.0	25.0	22.0
TMPF0531HCV-R52MD-D	0.52	±20	1V/100K	2.5	3.0	27.0	24.0	25.0	22.0
TMPF0531HCV-R56MD-D	0.56	±20	1V/100K	2.6	3.2	26.0	23.0	24.0	21.0
TMPF0531HCV-R60MD-D	0.60	±20	1V/100K	2.6	3.2	25.0	22.0	23.0	20.0
TMPF0531HCV-R68MD-D	0.68	±20	1V/100K	3.5	4.2	23.0	20.0	22.0	19.0
TMPF0531HCV-R70MD-D	0.70	±20	1V/100K	3.5	4.2	22.0	19.0	21.0	18.0
TMPF0531HCV-R87MD-D	0.87	±20	1V/100K	4.2	5.1	21.0	18.0	20.0	17.0
TMPF0531HCV-R90MD-D	0.90	±20	1V/100K	4.2	5.1	20.0	17.0	19.0	16.0
TMPF0531HCV-1R0MD-D	1.00	±20	1V/100K	4.8	5.8	19.0	16.0	18.0	15.0
TMPF0531HCV-1R2MD-D	1.20	±20	1V/100K	5.0	6.0	18.0	15.0	17.0	14.0
TMPF0531HCV-1R5MD-D	1.50	±20	1V/100K	6.7	7.8	16.0	14.0	15.0	13.0

Note:

- 1.Heat Rated Current (I rms) will cause the coil temperature rise approximately ΔT of 40℃.
- 2.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0531HCV Series (2221 inch -55 ~+155℃)



Specifications

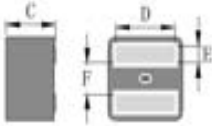
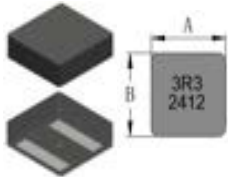
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPF0531HCV-1R8MD-D	1.8	±20	1V/100K	7.5	8.7	14.0	12.0	14.5	11.5
TMPF0531HCV-2R0MD-D	2.0	±20	1V/100K	8.6	9.9	13.0	11.5	13.5	11.0
TMPF0531HCV-2R2MD-D	2.2	±20	1V/100K	9.2	10.6	12.5	11.0	13.0	11.0
TMPF0531HCV-3R3MD-D	3.3	±20	1V/100K	14.0	16.1	11.0	10.0	10.5	9.0
TMPF0531HCV-4R7MD-D	4.7	±20	1V/100K	21.5	24.5	9.0	8.0	8.8	7.5
TMPF0531HCV-5R6MD-D	5.6	±20	1V/100K	23.5	26.3	8.0	7.0	8.0	6.5
TMPF0531HCV-6R8MD-D	6.8	±20	1V/100K	29.2	32.1	7.5	6.5	7.3	6.0
TMPF0531HCV-8R2MD-D	8.2	±20	1V/100K	36.0	40.4	6.5	5.5	6.5	5.5

Note:
1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0505HCV Series (2221 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	5.50±0.20
B	5.30±0.20
C	4.80±0.20
D	4.30±0.30
E	1.10±0.20
F	2.30±0.25

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPF0505HCV-R18MD-D	0.18	±20	1V/100K	1.1	1.4	40.0	36.0	35.0	31.0
TMPF0505HCV-R33MD-D	0.33	±20	1V/100K	1.6	2.0	34.0	30.0	30.0	26.0
TMPF0505HCV-R50MD-D	0.50	±20	1V/100K	2.1	2.6	28.0	26.0	27.0	25.0
TMPF0505HCV-R56MD-D	0.56	±20	1V/100K	2.4	2.9	26.0	24.0	25.0	23.0
TMPF0505HCV-R72MD-D	0.72	±20	1V/100K	2.7	3.3	24.0	22.0	23.5	21.5
TMPF0505HCV-R82MD-D	0.82	±20	1V/100K	2.9	3.5	21.0	19.0	23.0	20.0
TMPF0505HCV-1R0MD-D	1.00	±20	1V/100K	3.3	3.9	19.0	17.0	21.0	18.0
TMPF0505HCV-1R2MD-D	1.20	±20	1V/100K	3.9	4.6	17.0	15.0	20.0	17.0
TMPF0505HCV-1R5MD-D	1.50	±20	1V/100K	4.6	5.6	15.0	13.0	18.0	16.0
TMPF0505HCV-1R8MD-D	1.80	±20	1V/100K	6.5	7.8	13.5	12.0	16.0	14.0
TMPF0505HCV-2R2MD-D	2.20	±20	1V/100K	7.4	8.2	12.5	11.0	15.0	13.0
TMPF0505HCV-3R3MD-D	3.30	±20	1V/100K	10.0	11.5	11.0	10.0	12.5	11.0
TMPF0505HCV-4R7MD-D	4.70	±20	1V/100K	14.1	16.0	9.5	8.5	10.0	8.5
TMPF0505HCV-5R6MD-D	5.60	±20	1V/100K	17.5	19.3	8.2	7.5	8.2	7.5

Note:
1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0505HCV Series (2221 inch -55 ~+155℃)



Specifications

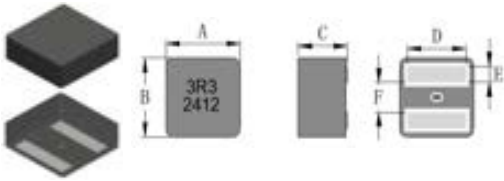
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPF0505HCV-6R8MD-D	6.8	±20	1V/100K	20.0	23.0	7.8	7.0	7.8	7.0
TMPF0505HCV-8R2MD-D	8.2	±20	1V/100K	24.5	27.5	7.3	6.5	7.3	6.5
TMPF0505HCV-100MD-D	10.0	±20	1V/100K	29.0	33.0	6.5	5.6	6.5	5.6
TMPF0505HCV-120MD-D	12.0	±20	1V/100K	39.1	43.0	6.2	5.2	5.5	5.0
TMPF0505HCV-150MD-D	15.0	±20	1V/100K	50.0	55.0	5.5	4.7	5.0	4.5
TMPF0505HCV-220MD-D	22.0	±20	1V/100K	70.3	79.5	5.0	4.5	4.5	4.0

Note:
1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0621HCV Series (2625 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	6.60±0.20
B	6.40±0.20
C	1.90±0.20
D	5.20±0.30
E	1.40±0.20
F	2.60±0.30

Units: mm

■ Specifications

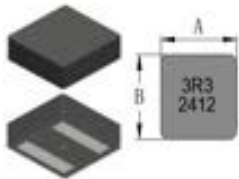
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPF0621HCV-R18MD-D	0.18	±20	1V/100K	1.3	1.6	40.0	36.0	34.0	32.0
TMPF0621HCV-R20MD-D	0.20	±20	1V/100K	1.5	1.8	37.0	33.0	32.0	30.0
TMPF0621HCV-R22MD-D	0.22	±20	1V/100K	1.7	2.1	35.0	31.0	30.0	28.0
TMPF0621HCV-R33MD-D	0.33	±20	1V/100K	2.0	2.5	30.0	27.0	28.0	25.0
TMPF0621HCV-R36MD-D	0.36	±20	1V/100K	2.5	3.0	28.0	26.0	25.0	23.0
TMPF0621HCV-R47MD-D	0.47	±20	1V/100K	3.4	4.1	26.0	24.0	22.0	20.0
TMPF0621HCV-R56MD-D	0.56	±20	1V/100K	3.7	4.4	20.0	18.0	20.0	18.0
TMPF0621HCV-R68MD-D	0.68	±20	1V/100K	4.0	4.8	17.0	15.0	19.0	17.0
TMPF0621HCV-R82MD-D	0.82	±20	1V/100K	4.8	5.8	15.0	13.0	17.0	15.0
TMPF0621HCV-1R0MD-D	1.00	±20	1V/100K	5.8	7.0	14.0	12.0	15.0	13.0
TMPF0621HCV-1R2MD-D	1.20	±20	1V/100K	7.0	8.4	13.0	11.0	14.0	12.0
TMPF0621HCV-1R5MD-D	1.50	±20	1V/100K	7.9	9.5	12.5	10.5	13.0	11.5
TMPF0621HCV-1R8MD-D	1.80	±20	1V/100K	9.0	10.8	11.0	10.0	12.5	11.0
TMPF0621HCV-2R2MD-D	2.20	±20	1V/100K	12.5	14.4	10.0	9.0	11.5	10.5
TMPF0621HCV-3R3MD-D	3.30	±20	1V/100K	16.5	19.8	8.5	7.5	9.5	8.5
TMPF0621HCV-4R7MD-D	4.70	±20	1V/100K	23.5	28.2	7.5	6.5	8.0	7.0
TMPF0621HCV-5R6MD-D	5.60	±20	1V/100K	27.5	33.0	6.5	5.7	7.2	6.5
TMPF0621HCV-6R2MD-D	6.20	±20	1V/100K	32.0	38.4	5.8	5.3	6.7	6.2
TMPF0621HCV-6R8MD-D	6.80	±20	1V/100K	38.0	45.6	5.3	4.7	6.5	5.8

Note:
1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0631HCV Series (2625 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	6.60±0.20
B	6.40±0.20
C	2.90±0.20
D	5.20±0.30
E	1.40±0.20
F	2.60±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPF0631HCV-R18MD-D	0.18	±20	1V/100K	1.0	1.2	50.0	45.0	35.0	30.0
TMPF0631HCV-R22MD-D	0.22	±20	1V/100K	1.1	1.4	43.0	39.0	32.0	27.0
TMPF0631HCV-R33MD-D	0.33	±20	1V/100K	1.5	1.9	40.0	35.0	32.0	27.0
TMPF0631HCV-R36MD-D	0.36	±20	1V/100K	1.6	2.0	39.0	34.0	30.0	25.0
TMPF0631HCV-R38MD-D	0.38	±20	1V/100K	1.7	2.1	36.0	32.0	29.0	25.0
TMPF0631HCV-R40MD-D	0.40	±20	1V/100K	1.8	2.2	35.0	32.0	28.0	24.0
TMPF0631HCV-R42MD-D	0.42	±20	1V/100K	2.1	2.5	33.0	30.0	28.0	24.0
TMPF0631HCV-R47MD-D	0.47	±20	1V/100K	2.2	2.6	32.0	29.0	27.0	24.0
TMPF0631HCV-R56MD-D	0.56	±20	1V/100K	2.4	2.9	30.0	27.0	25.0	22.0
TMPF0631HCV-R68MD-D	0.68	±20	1V/100K	2.8	3.4	27.0	24.0	23.0	20.0
TMPF0631HCV-R82MD-D	0.82	±20	1V/100K	3.6	4.0	25.0	22.0	21.0	19.0
TMPF0631HCV-1R0MD-D	1.00	±20	1V/100K	4.2	4.9	22.0	19.0	19.0	17.0
TMPF0631HCV-1R2MD-D	1.20	±20	1V/100K	4.6	5.4	19.0	17.0	18.0	16.0

Note:
1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0631HCV Series (2625 inch -55 ~+155℃)



■ Specifications

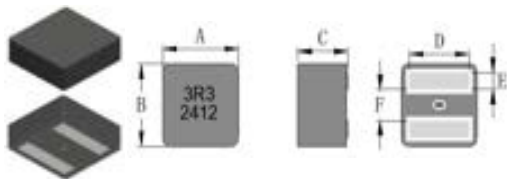
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPF0631HCV-1R5MD-D	1.5	±20	1V/100K	5.6	6.7	17.0	15.0	17.0	15.0
TMPF0631HCV-1R8MD-D	1.8	±20	1V/100K	6.8	8.2	15.0	13.0	15.0	13.0
TMPF0631HCV-2R2MD-D	2.2	±20	1V/100K	8.5	10.2	13.0	12.0	13.0	12.0
TMPF0631HCV-3R3MD-D	3.3	±20	1V/100K	12.0	14.4	11.0	10.0	11.0	10.0
TMPF0631HCV-4R7MD-D	4.7	±20	1V/100K	17.5	21.0	10.0	9.0	10.0	9.0
TMPF0631HCV-5R6MD-D	5.6	±20	1V/100K	20.5	24.1	9.0	8.3	9.0	8.3
TMPF0631HCV-6R8MD-D	6.8	±20	1V/100K	26.1	29.5	8.0	7.5	8.5	7.7
TMPF0631HCV-8R2MD-D	8.2	±20	1V/100K	32.0	36.8	7.0	6.5	7.5	7.0
TMPF0631HCV-100MD-D	10.0	±20	1V/100K	38.0	44.0	6.5	6.0	7.0	6.5

Note:
1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0606HCV Series (2625 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	6.60±0.20
B	6.40±0.20
C	5.80±0.20
D	5.20±0.30
E	1.40±0.20
F	2.60±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPF0606HCV-R18MD-D	0.18	±20	1V/100K	0.8	0.9	55.0	50.0	43.0	38.0
TMPF0606HCV-R20MD-D	0.20	±20	1V/100K	0.9	1.1	50.0	45.0	40.0	36.0
TMPF0606HCV-R22MD-D	0.22	±20	1V/100K	1.1	1.3	47.0	43.0	37.0	34.0
TMPF0606HCV-R47MD-D	0.47	±20	1V/100K	1.5	1.8	35.0	32.0	33.0	30.0
TMPF0606HCV-R68MD-D	0.68	±20	1V/100K	1.9	2.3	30.0	27.0	28.0	25.0
TMPF0606HCV-1R0MD-D	1.0	±20	1V/100K	2.5	2.9	26.0	23.0	24.0	22.0
TMPF0606HCV-1R2MD-D	1.2	±20	1V/100K	2.9	3.4	24.0	22.0	23.0	21.0
TMPF0606HCV-1R5MD-D	1.5	±20	1V/100K	3.3	3.8	22.0	20.0	21.0	19.0
TMPF0606HCV-2R2MD-D	2.2	±20	1V/100K	4.3	4.8	18.0	16.0	18.0	16.0
TMPF0606HCV-3R3MD-D	3.3	±20	1V/100K	6.3	7.2	16.0	14.0	16.0	14.0
TMPF0606HCV-4R7MD-D	4.7	±20	1V/100K	9.1	10.1	12.5	11.5	13.5	12.5
TMPF0606HCV-5R6MD-D	5.6	±20	1V/100K	10.6	11.7	11.6	10.6	12.6	11.6
TMPF0606HCV-6R8MD-D	6.8	±20	1V/100K	12.7	14.0	10.5	9.5	11.5	10.5
TMPF0606HCV-8R2MD-D	8.2	±20	1V/100K	15.2	16.8	9.0	8.2	10.5	9.5
TMPF0606HCV-100MD-D	10.0	±20	1V/100K	17.5	19.6	8.2	7.5	9.5	8.5
TMPF0606HCV-120MD-D	12.0	±20	1V/100K	22.0	24.2	7.5	7.0	8.5	7.8
TMPF0606HCV-150MD-D	15.0	±20	1V/100K	27.5	30.8	7.0	6.5	7.5	7.0
TMPF0606HCV-180MD-D	18.0	±20	1V/100K	34.5	38.0	6.3	5.8	6.5	6.0
TMPF0606HCV-220MD-D	22.0	±20	1V/100K	42.0	46.2	5.5	5.0	6.0	5.5

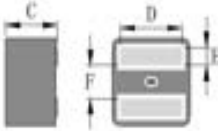
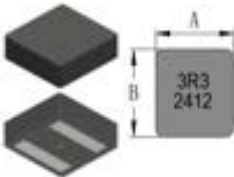
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF1006HCV Series (4743 inch -55 ~+155℃)



■ Dimensions



Dimensions	
A	11.9±0.30
B	11.0±0.30
C	5.70±0.30
D	9.00±0.80
E	2.40±0.20
F	4.50±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) typ.	I rms (A) max.
TMPF1006HCV-2R2MD-D	2.2	±20	1V/100K	3.4	3.9	33.0	29.0	27.0	23.0
TMPF1006HCV-2R7MD-D	2.7	±20	1V/100K	3.7	4.3	30.0	27.0	25.0	22.0
TMPF1006HCV-3R3MD-D	3.3	±20	1V/100K	4.3	5.0	27.0	24.0	23.0	20.0
TMPF1006HCV-4R7MD-D	4.7	±20	1V/100K	6.5	7.5	23.0	20.0	19.0	16.5
TMPF1006HCV-5R6MD-D	5.6	±20	1V/100K	7.3	8.4	20.0	18.0	17.5	15.5
TMPF1006HCV-6R8MD-D	6.8	±20	1V/100K	8.8	10.1	19.0	17.0	15.5	13.5
TMPF1006HCV-8R2MD-D	8.2	±20	1V/100K	10.3	11.9	17.5	15.5	14.5	12.5
TMPF1006HCV-100MD-D	10.0	±20	1V/100K	12.8	14.8	15.5	13.5	13.0	11.0

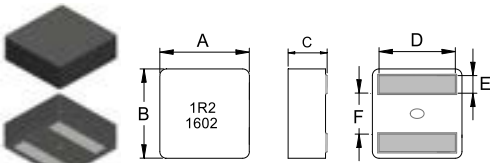
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0402LRV Series (1717 inch -55~+155℃)



■ Dimensions



Dimensions	
A	4.40±0.20
B	4.40±0.20
C	1.90±0.20
D	3.40±0.30
E	0.88±0.20
F	1.60±0.25

Units: mm

■ Specifications

Part Number	Inductance (μ H)	Tolerance (%)	Test Frequency (Hz)	DCR (m Ω) typ.	DCR (m Ω) max.	I sat (A) typ.	I sat (A) max.	I rms (A)20℃ rise	I rms (A) 40℃ rise
TMPF0402LRV-R47MN-ABD	0.47	±20	0.1V/100K	6.00	6.80	14.0	12.5	9.8	13.2
TMPF0402LRV-R56MN-ABD	0.56	±20	0.1V/100K	6.90	7.80	13.0	11.3	9.5	12.6
TMPF0402LRV-R60MN-ABD	0.60	±20	0.1V/100K	6.90	7.80	12.8	11.1	9.4	12.4
TMPF0402LRV-R68MN-ABD	0.68	±20	0.1V/100K	7.30	8.20	11.6	10.0	9.2	12.0
TMPF0402LRV-R82MN-ABD	0.82	±20	0.1V/100K	8.60	9.50	10.2	9.0	8.5	11.5
TMPF0402LRV-1R0MN-ABD	1.00	±20	0.1V/100K	10.60	11.70	9.2	8.0	8.0	11.0
TMPF0402LRV-1R2MN-ABD	1.20	±20	0.1V/100K	12.20	13.40	8.6	7.5	7.2	9.5
TMPF0402LRV-1R5MN-ABD	1.50	±20	0.1V/100K	14.40	15.80	7.5	6.7	6.7	9.1
TMPF0402LRV-2R0MN-ABD	2.00	±20	0.1V/100K	21.15	23.30	6.2	5.0	6.2	8.2
TMPF0402LRV-2R2MN-ABD	2.20	±20	0.1V/100K	21.35	23.50	6.0	4.8	6.0	8.0

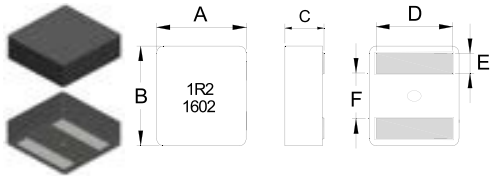
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0402AV Series (1717 inch -55~+155℃)



■ Dimensions



Dimensions	
A	4.40±0.20
B	4.40±0.20
C	1.90±0.20
D	3.40±0.30
E	0.88±0.20
F	1.60±0.25

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF0402AV-R10MN-ABD	0.10	±20	0.1V/100K	2.20	2.42	38.00	33.00	13.50	18.00
TMPF0402AV-R22MN-ABD	0.22	±20	0.1V/100K	4.10	4.60	19.50	18.80	13.00	16.80
TMPF0402AV-R33MN-ABD	0.33	±20	0.1V/100K	5.00	5.50	18.00	16.50	12.00	15.50
TMPF0402AV-R36MN-ABD	0.36	±20	0.1V/100K	5.60	6.30	17.00	15.00	11.00	14.50
TMPF0402AV-R40MN-ABD	0.40	±20	0.1V/100K	6.90	7.73	15.50	13.50	10.00	14.00
TMPF0402AV-R47MN-ABD	0.47	±20	0.1V/100K	7.80	8.58	14.50	13.00	9.00	12.50
TMPF0402AV-R56MN-ABD	0.56	±20	0.1V/100K	8.40	9.30	14.00	12.60	8.50	12.00
TMPF0402AV-R60MN-ABD	0.60	±20	0.1V/100K	8.60	9.52	13.70	12.30	8.00	11.70
TMPF0402AV-R72MN-ABD	0.72	±20	0.1V/100K	10.40	11.60	12.00	10.60	7.60	10.50
TMPF0402AV-1R0MN-ABD	1.00	±20	0.1V/100K	13.30	14.60	9.60	8.80	6.80	9.60
TMPF0402AV-1R2MN-ABD	1.20	±20	0.1V/100K	16.20	17.90	9.00	7.80	6.60	9.00
TMPF0402AV-1R5MN-ABD	1.50	±20	0.1V/100K	21.00	23.50	8.00	7.40	5.80	7.60
TMPF0402AV-1R8MN-ABD	1.80	±20	0.1V/100K	25.00	28.00	7.50	7.00	5.20	7.00

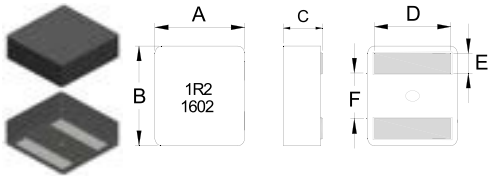
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0403LRV Series (1717 inch -55~+155℃)



■ Dimensions



Dimensions	
A	4.40±0.20
B	4.40±0.20
C	2.80±0.20
D	3.40±0.30
E	0.88±0.20
F	1.60±0.25

Units: mm

■ Specifications

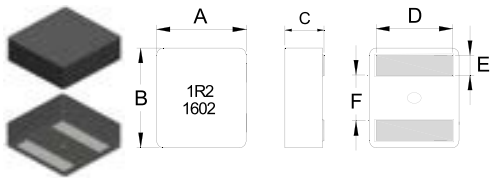
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF0403LRV-R90MN-ABD	0.90	±20	0.1V/100K	9.10	10.1	10.0	9.00	8.20	11.2
TMPF0403LRV-1R0MN-ABD	1.00	±20	0.1V/100K	9.10	10.1	9.80	9.20	8.00	11.0
TMPF0403LRV-1R2MN-ABD	1.20	±20	0.1V/100K	10.4	11.5	9.20	8.70	7.80	9.80
TMPF0403LRV-1R5MN-ABD	1.50	±20	0.1V/100K	12.0	13.2	8.00	7.00	7.00	9.00
TMPF0403LRV-1R8MN-ABD	1.80	±20	0.1V/100K	17.4	19.2	7.50	6.60	6.50	8.20
TMPF0403LRV-2R2MN-ABD	2.20	±20	0.1V/100K	20.5	22.6	7.00	6.10	6.00	7.80
TMPF0403LRV-3R3MN-ABD	3.30	±20	0.1V/100K	26.0	28.6	6.20	5.30	5.00	6.60

Note:
1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0502AV Series (2424 inch -55~+155℃)



■ Dimensions



Dimensions	
A	6.00±0.20
B	5.70±0.20
C	1.90±0.20
D	4.30±0.30
E	1.10±0.20
F	2.30±0.25

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF0502AV-R15MN-ABD	0.15	±20	0.1V/100K	4.00	4.60	30.0	27.0	13.9	18.8
TMPF0502AV-R16MN-ABD	0.16	±20	0.1V/100K	4.00	4.60	30.0	27.0	13.9	18.8
TMPF0502AV-R33MN-ABD	0.33	±20	0.1V/100K	6.10	7.00	26.0	24.0	10.5	14.4
TMPF0502AV-R47MN-ABD	0.47	±20	0.1V/100K	7.00	8.05	22.0	20.0	10.1	14.1
TMPF0502AV-R56MN-ABD	0.56	±20	0.1V/100K	8.70	9.54	19.0	16.0	9.90	13.9
TMPF0502AV-R68MN-ABD	0.68	±20	0.1V/100K	8.90	10.2	16.0	14.0	9.60	13.4
TMPF0502AV-R80MN-ABD	0.80	±20	0.1V/100K	10.3	11.8	15.5	13.5	9.40	13.0
TMPF0502AV-R82MN-ABD	0.82	±20	0.1V/100K	11.0	12.7	15.0	13.0	8.50	12.0
TMPF0502AV-1R0MN-ABD	1.00	±20	0.1V/100K	12.0	13.8	14.5	12.8	7.50	10.5
TMPF0502AV-1R2MN-ABD	1.20	±20	0.1V/100K	14.2	16.0	14.0	12.2	6.80	9.40
TMPF0502AV-1R5MN-ABD	1.50	±20	0.1V/100K	16.2	18.7	13.3	11.7	6.40	8.80

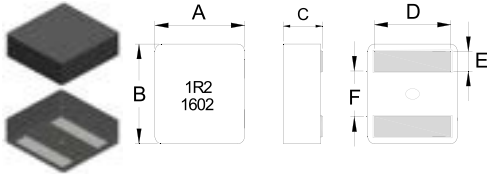
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0503AV Series (2424 inch -55~+155℃)



■ Dimensions



Dimensions	
A	6.00±0.20
B	5.70±0.20
C	2.90±0.20
D	4.30±0.30
E	1.10±0.20
F	2.30±0.25

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A)20℃ rise	I rms (A) 40℃ rise
TMPF0503AV-R15MN-ABD	0.15	±20	0.1V/100K	2.10	2.31	36.0	32.5	14.3	22.2
TMPF0503AV-R16MN-ABD	0.16	±20	0.1V/100K	2.12	2.33	35.0	32.0	14.2	22.2
TMPF0503AV-R28MN-ABD	0.28	±20	0.1V/100K	3.00	3.30	32.0	28.0	14.0	19.0
TMPF0503AV-R33MN-ABD	0.33	±20	0.1V/100K	3.20	3.52	28.0	26.0	13.8	19.2
TMPF0503AV-R47MN-ABD	0.47	±20	0.1V/100K	3.75	4.13	26.0	24.0	13.7	18.4
TMPF0503AV-R56MN-ABD	0.56	±20	0.1V/100K	4.05	4.52	22.2	20.2	13.6	17.7
TMPF0503AV-R60MN-ABD	0.60	±20	0.1V/100K	4.11	4.52	22.0	20.0	13.6	17.7
TMPF0503AV-R80MN-ABD	0.80	±20	0.1V/100K	5.14	5.65	20.0	18.0	10.1	13.1
TMPF0503AV-R82MN-ABD	0.82	±20	0.1V/100K	5.25	5.78	19.7	17.6	9.90	12.9
TMPF0503AV-1R0MN-ABD	1.00	±20	0.1V/100K	6.90	7.60	16.5	14.3	9.00	12.2
TMPF0503AV-1R2MN-ABD	1.20	±20	0.1V/100K	8.80	9.70	15.0	13.5	8.50	11.0
TMPF0503AV-1R5MN-ABD	1.50	±20	0.1V/100K	10.1	11.2	14.0	12.5	8.00	10.5
TMPF0503AV-1R8MN-ABD	1.80	±20	0.1V/100K	11.5	12.7	12.3	11.3	7.60	10.1
TMPF0503AV-2R2MN-ABD	2.20	±20	0.1V/100K	13.2	14.5	10.0	9.00	7.20	9.70
TMPF0503AV-3R3MN-ABD	3.30	±20	0.1V/100K	21.0	23.1	9.50	8.70	5.90	8.10
TMPF0503AV-3R6MN-ABD	3.60	±20	0.1V/100K	25.0	27.5	9.00	7.90	4.60	6.50
TMPF0503AV-4R7MN-ABD	4.70	±20	0.1V/100K	33.0	36.3	8.20	7.00	4.30	5.90

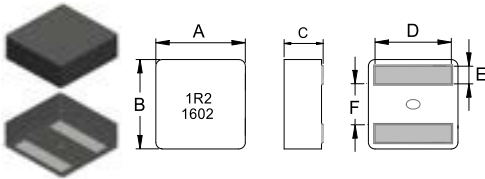
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0505LRV Series (2424 inch -55~+155℃)



■ Dimensions



Dimensions	
A	6.00±0.20
B	5.70±0.20
C	4.80±0.20
D	4.30±0.30
E	1.10±0.20
F	2.30±0.25

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF0505LRV-5R6MN-ABD	5.60	±20	0.1V/100K	22.0	24.2	8.60	7.20	5.30	7.20
TMPF0505LRV-6R8MN-ABD	6.80	±20	0.1V/100K	26.0	28.6	7.80	6.60	4.80	6.40
TMPF0505LRV-8R2MN-ABD	8.20	±20	0.1V/100K	29.5	32.5	7.20	6.10	4.60	6.10

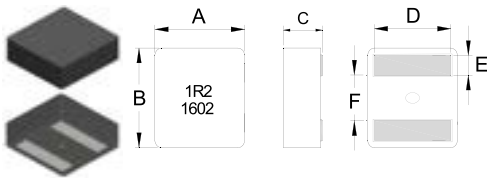
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0603AV Series (2828 inch -55~+155℃)



■ Dimensions



Dimensions	
A	7.20±0.20
B	6.90±0.20
C	(2.80~2.90)±0.20
D	(5.00~5.55)±0.30
E	1.40±0.20
F	2.60±0.25

Units: mm

■ Specifications

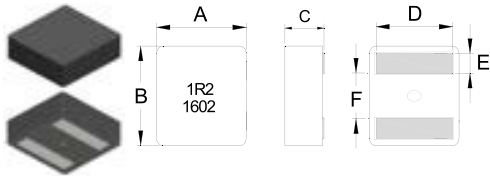
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF0603AV-R18MN-ABD	0.18	±20	0.1V/100K	1.60	1.75	40.0	36.0	24.0	32.0
TMPF0603AV-R33MN-ABD	0.33	±20	0.1V/100K	2.25	2.50	32.0	28.0	20.0	25.0
TMPF0603AV-R56MN-ABD	0.56	±20	0.1V/100K	3.00	3.31	29.0	25.0	17.0	22.0
TMPF0603AV-R68MN-ABD	0.68	±20	0.1V/100K	4.70	5.17	25.0	21.0	15.0	20.0
TMPF0603AV-1R0MN-ABD	1.00	±20	0.1V/100K	5.50	6.05	23.0	18.0	13.0	18.0
TMPF0603AV-1R2MN-ABD	1.20	±20	0.1V/100K	6.70	7.40	22.0	16.0	12.0	16.0
TMPF0603AV-1R5MN-ABD	1.50	±20	0.1V/100K	8.30	9.13	20.0	15.5	11.0	15.0
TMPF0603AV-1R8MN-ABD	1.80	±20	0.1V/100K	9.20	10.2	18.2	13.0	10.0	14.0
TMPF0603AV-2R2MN-ABD	2.20	±20	0.1V/100K	11.0	12.2	15.9	11.0	7.00	10.0
TMPF0603AV-3R3MN-ABD	3.30	±20	0.1V/100K	18.8	20.8	12.2	9.00	6.00	8.00
TMPF0603AV-4R5MN-ABD	4.50	±20	0.1V/100K	23.0	25.3	10.0	8.00	5.00	7.00
TMPF0603AV-4R7MN-ABD	4.70	±20	0.1V/100K	26.5	29.2	9.00	7.00	4.00	6.00

Note:
1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0604AV Series (2828 inch -55~+155℃)



■ Dimensions



Dimensions	
A	7.20±0.20
B	6.90±0.20
C	3.80±0.20
D	(5.00-5.50)±0.30
E	1.40±0.20
F	2.60±0.25

Units: mm

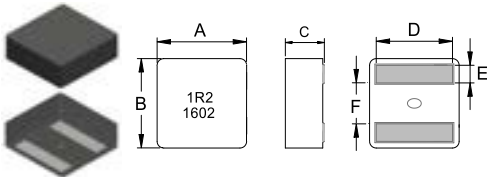
■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF0604AV-R47MN-ABD	0.47	±20	0.1V/100K	2.60	2.86	31.0	27.0	19.0	24.0
TMPF0604AV-R68MN-ABD	0.68	±20	0.1V/100K	3.60	3.96	26.0	22.0	16.0	20.5
TMPF0604AV-1R0MN-ABD	1.00	±20	0.1V/100K	4.90	5.39	23.0	18.0	14.0	19.0
TMPF0604AV-1R5MN-ABD	1.50	±20	0.1V/100K	6.40	7.04	17.0	13.0	12.0	16.0
TMPF0604AV-2R2MN-ABD	2.20	±20	0.1V/100K	10.6	11.7	15.9	11.5	8.00	11.0
TMPF0604AV-3R3MN-ABD	3.30	±20	0.1V/100K	14.1	15.5	12.3	9.60	7.00	9.20
TMPF0604AV-4R7MN-ABD	4.70	±20	0.1V/100K	21.0	23.1	10.2	8.00	6.00	7.80
TMPF0604AV-5R6MN-ABD	5.60	±20	0.1V/100K	25.5	28.1	9.80	7.80	5.00	6.70

Note:
1.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	7.20±0.20
B	6.90±0.20
C	4.80±0.20
D	(5.20~5.30)±0.3
E	1.40±0.20
F	2.60±0.25

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF0605AV-R82MN-ABD	0.82	±20	0.1V/100K	3.80	4.18	24.0	20.0	16.0	21.0
TMPF0605AV-1R0MN-ABD	1.00	±20	0.1V/100K	4.10	4.52	23.0	18.0	15.0	20.0
TMPF0605AV-1R2MN-ABD	1.20	±20	0.1V/100K	5.30	5.83	22.0	16.0	14.0	18.0
TMPF0605AV-1R5MN-ABD	1.50	±20	0.1V/100K	5.70	6.30	19.5	14.5	13.0	17.0
TMPF0605AV-1R8MN-ABD	1.80	±20	0.1V/100K	6.40	7.10	18.5	13.5	12.0	16.0
TMPF0605AV-2R2MN-ABD	2.20	±20	0.1V/100K	7.70	8.50	16.0	12.0	10.0	13.0
TMPF0605AV-3R3MN-ABD	3.30	±20	0.1V/100K	11.20	12.50	12.5	10.0	8.5	11.0
TMPF0605AV-4R3MN-ABD	4.30	±20	0.1V/100K	15.10	16.20	11.0	8.5	7.0	9.0
TMPF0605AV-4R7MN-ABD	4.70	±20	0.1V/100K	16.70	18.40	10.5	8.4	6.5	8.5
TMPF0605AV-5R6MN-ABD	5.60	±20	0.1V/100K	20.00	22.00	10.0	8.3	5.7	7.0
TMPF0605AV-6R8MN-ABD	6.80	±20	0.1V/100K	23.10	25.40	9.0	7.0	5.2	6.6
TMPF0605AV-8R2MN-ABD	8.20	±20	0.1V/100K	28.60	31.50	8.0	6.8	4.5	6.2

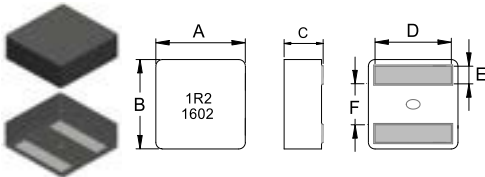
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0606LRV Series (2828 inch -55~+155℃)



■ Dimensions



Dimensions	
A	7.20±0.20
B	6.90±0.20
C	5.80±0.20
D	5.30±0.30
E	1.40±0.20
F	2.60±0.25

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF0606LRV-1R0MN-ABD	1.00	±20	0.1V/100K	3.9	4.29	18.0	16.0	15.0	19.0
TMPF0606LRV-1R2MN-ABD	1.20	±20	0.1V/100K	4.6	5.06	17.0	15.0	14.0	17.0
TMPF0606LRV-1R5MN-ABD	1.50	±20	0.1V/100K	5.1	5.61	16.0	14.0	13.0	16.0
TMPF0606LRV-2R2MN-ABD	2.20	±20	0.1V/100K	7.0	7.80	14.0	12.0	11.0	14.0
TMPF0606LRV-3R3MN-ABD	3.30	±20	0.1V/100K	11.0	12.1	11.5	10.5	9.0	12.0
TMPF0606LRV-4R7MN-ABD	4.70	±20	0.1V/100K	13.1	14.4	10.5	9.5	8.0	11.0
TMPF0606LRV-5R6MN-ABD	5.60	±20	0.1V/100K	14.3	15.8	10.0	9.0	7.5	10.0
TMPF0606LRV-6R8MN-ABD	6.80	±20	0.1V/100K	18.9	20.8	9.2	8.7	7.0	9.0
TMPF0606LRV-8R2MN-ABD	8.20	±20	0.1V/100K	22.5	24.8	8.5	8.0	6.0	8.0
TMPF0606LRV-100MN-ABD	10.0	±20	0.1V/100K	26.6	29.3	7.6	6.8	5.0	7.0
TMPF0606LRV-150MN-ABD	15.0	±20	0.1V/100K	39.0	43.0	5.8	5.2	4.5	6.0
TMPF0606LRV-220MN-ABD	22.0	±20	0.1V/100K	55.0	60.5	5.6	5.0	3.8	5.0

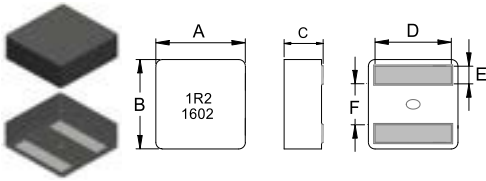
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0702AV Series (3333 inch -55~+155℃)



■ Dimensions



Dimensions	
A	8.40±0.30
B	8.00±0.30
C	1.85±0.20
D	(6.20~6.60)±0.30
E	1.75±0.20
F	3.15±0.25

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF0702AV-R15MN-ABD	0.15	±20	0.1V/100K	1.9	2.5	51.0	46.0	18.0	24.0
TMPF0702AV-R27MN-ABD	0.27	±20	0.1V/100K	2.9	3.5	35.0	32.0	16.0	21.0
TMPF0702AV-R31MN-ABD	0.31	±20	0.1V/100K	4.0	4.8	34.0	31.0	14.0	20.0
TMPF0702AV-R33MN-ABD	0.33	±20	0.1V/100K	4.0	4.8	34.0	31.0	13.0	19.0
TMPF0702AV-R47MN-ABD	0.47	±20	0.1V/100K	5.1	6.2	28.0	25.0	12.0	17.0
TMPF0702AV-R68MN-ABD	0.68	±20	0.1V/100K	7.9	9.2	25.0	23.0	10.0	13.0
TMPF0702AV-1R0MN-ABD	1.00	±20	0.1V/100K	9.8	10.8	23.0	20.0	8.0	11.0
TMPF0702AV-1R2MN-ABD	1.20	±20	0.1V/100K	11.5	12.8	21.0	18.0	7.0	10.0
TMPF0702AV-1R5MN-ABD	1.50	±20	0.1V/100K	16.0	17.6	17.0	15.0	6.0	9.0
TMPF0702AV-1R8MN-ABD	1.80	±20	0.1V/100K	18.0	19.8	15.0	13.0	5.5	8.0

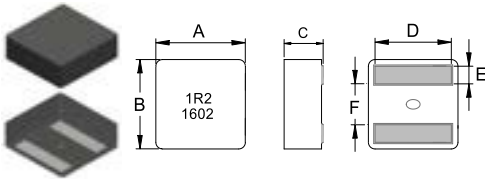
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0703AV Series (3333 inch -55~+155℃)



■ Dimensions



Dimensions	
A	8.40±0.30
B	8.00±0.30
C	2.90±0.20
D	(6.20~6.60)±0.30
E	1.75±0.20
F	3.15±0.25

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF0703AV-R33MN-ABD	0.33	±20	0.1V/100K	2.00	2.20	45.0	40.0	19.5	25.0
TMPF0703AV-R36MN-ABD	0.36	±20	0.1V/100K	2.10	2.31	41.0	37.0	19.0	24.0
TMPF0703AV-R60MN-ABD	0.60	±20	0.1V/100K	2.90	3.20	36.0	32.0	18.0	23.0
TMPF0703AV-1R0MN-ABD	1.00	±20	0.1V/100K	4.55	5.00	30.0	28.0	16.1	21.8
TMPF0703AV-1R5MN-ABD	1.50	±20	0.1V/100K	7.50	8.25	25.0	23.5	12.0	15.3
TMPF0703AV-2R2MN-ABD	2.20	±20	0.1V/100K	12.40	13.70	19.0	17.0	10.0	13.0
TMPF0703AV-2R7MN-ABD	2.70	±20	0.1V/100K	14.00	15.40	16.0	13.5	9.2	11.4
TMPF0703AV-3R3MN-ABD	3.30	±20	0.1V/100K	16.30	18.00	15.0	13.0	8.0	10.0
TMPF0703AV-4R7MN-ABD	4.70	±20	0.1V/100K	24.20	26.70	13.5	12.2	6.9	9.0
TMPF0703AV-5R6MN-ABD	5.60	±20	0.1V/100K	30.10	33.20	12.5	11.5	5.3	7.3

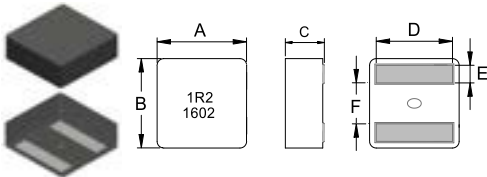
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0705AV Series (3333 inch -55~+155℃)



■ Dimensions



Dimensions	
A	8.40±0.30
B	8.00±0.30
C	4.80±0.20
D	6.20±0.30
E	1.75±0.20
F	3.15±0.25

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF0705AV-1R8MN-ABD	1.80	±20	0.1V/100K	4.20	4.62	25.0	21.0	13.0	16.0
TMPF0705AV-2R2MN-ABD	2.20	±20	0.1V/100K	5.80	6.40	21.0	17.0	11.0	14.0
TMPF0705AV-3R3MN-ABD	3.30	±20	0.1V/100K	10.40	11.44	17.0	14.0	10.0	13.0
TMPF0705AV-4R7MN-ABD	4.70	±20	0.1V/100K	14.00	15.40	15.0	13.0	8.5	11.0
TMPF0705AV-5R6MN-ABD	5.60	±20	0.1V/100K	15.60	17.20	13.0	11.0	7.0	10.0

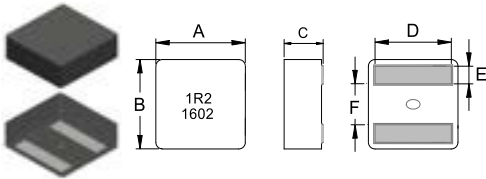
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF0707AV Series (3333 inch -55~+155℃)



■ Dimensions



Dimensions	
A	8.40±0.30
B	8.00±0.30
C	6.70±0.30
D	(6.50~6.70)±0.3
E	1.75±0.20
F	3.15±0.25

Units: mm

■ Specifications

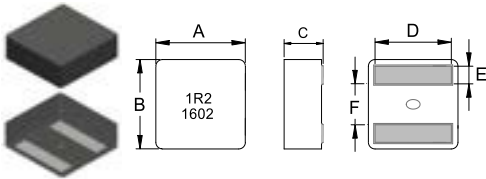
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF0707AV-2R2MN-ABD	2.20	±20	0.1V/100K	5.73	6.33	19.6	17.6	13.2	17.8
TMPF0707AV-3R3MN-ABD	3.30	±20	0.1V/100K	8.56	9.42	19.4	15.1	11.5	15.1
TMPF0707AV-4R7MN-ABD	4.70	±20	0.1V/100K	12.20	13.50	15.5	14.0	10.5	13.6
TMPF0707AV-5R6MN-ABD	5.60	±20	0.1V/100K	13.67	15.03	14.1	12.0	8.5	11.4
TMPF0707AV-6R8MN-ABD	6.80	±20	0.1V/100K	17.80	19.60	12.8	11.0	7.0	9.5
TMPF0707AV-100MN-ABD	10.0	±20	0.1V/100K	24.00	26.40	10.0	9.0	5.0	7.0

Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	8.90±0.30
B	8.50±0.30
C	7.70±0.30
D	(6.90~7.20)±0.40
E	1.80±0.20
F	3.50±0.30

Units: mm

■ Specifications

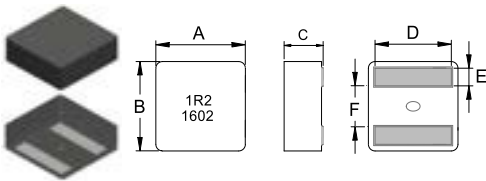
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF0808AV-3R3MN-ABD	3.30	±20	0.1V/100K	6.60	7.30	23.0	20.0	13.5	18.0
TMPF0808AV-4R7MN-ABD	4.70	±20	0.1V/100K	8.90	9.80	19.0	17.0	10.5	14.6
TMPF0808AV-6R8MN-ABD	6.80	±20	0.1V/100K	13.0	14.3	14.5	12.5	8.00	11.3
TMPF0808AV-100MN-ABD	10.0	±20	0.1V/100K	20.8	22.9	11.0	10.0	6.60	8.70

Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	11.90±0.30
B	11.00±0.30
C	5.70±0.30
D	(8.80~9.50)±0.50
E	2.40±0.20
F	4.50±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF1006AV-2R2MN-ABD	2.20	±20	0.1V/100K	4.40	4.84	35.0	30.0	14.0	20.0
TMPF1006AV-3R3MN-ABD	3.30	±20	0.1V/100K	7.00	7.70	28.0	25.0	11.4	16.8
TMPF1006AV-4R7MN-ABD	4.70	±20	0.1V/100K	9.70	10.72	25.0	22.0	8.7	14.0
TMPF1006AV-5R6MN-ABD	5.60	±20	0.1V/100K	10.80	11.90	20.0	17.0	7.0	12.0
TMPF1006AV-6R8MN-ABD	6.80	±20	0.1V/100K	11.80	13.00	18.0	15.5	6.0	10.5
TMPF1006AV-8R2MN-ABD	8.20	±20	0.1V/100K	15.00	16.50	16.5	14.0	5.0	9.5
TMPF1006AV-100MN-ABD	10.0	±20	0.1V/100K	16.50	18.20	15.0	13.0	4.5	9.0

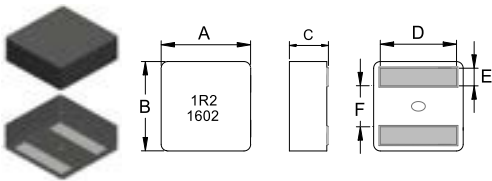
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF1010AV Series (4743 inch -55~+155℃)



■ Dimensions



Dimensions	
A	11.90±0.30
B	11.00±0.30
C	9.70±0.30
D	(9.00~9.30)±0.50
E	2.40±0.20
F	4.40±0.30

Units: mm

■ Specifications

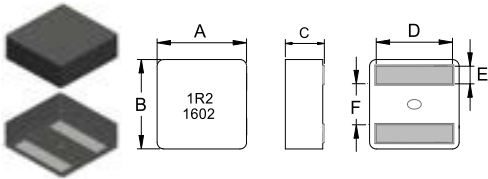
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF1010AV-3R3MN-ABD	3.30	±20	0.1V/100K	3.70	4.10	27.4	23.4	18.2	25.0
TMPF1010AV-4R7MN-ABD	4.70	±20	0.1V/100K	5.20	5.70	25.4	21.4	17.5	24.0
TMPF1010AV-5R6MN-ABD	5.60	±20	0.1V/100K	6.50	7.20	23.6	19.6	15.7	21.2
TMPF1010AV-6R8MN-ABD	6.80	±20	0.1V/100K	8.100	8.90	21.8	18.5	14.0	18.5
TMPF1010AV-8R2MN-ABD	8.20	±20	0.1V/100K	10.80	12.40	18.3	16.3	12.9	17.1
TMPF1010AV-100MN-ABD	10.00	±20	0.1V/100K	12.50	13.75	17.5	14.6	11.5	15.5
TMPF1010AV-150MN-ABD	15.00	±20	0.1V/100K	17.50	19.30	15.5	12.5	9.9	13.8

Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	17.50±0.30
B	16.50±0.30
C	7.70±0.30
D	13.20±0.50
E	3.20±0.20
F	7.00±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF1508AV-2R0MN-ABD	2.00	±20	0.1V/100K	1.92	2.21	57.0	52.0	29.5	40.0
TMPF1508AV-2R2MN-ABD	2.20	±20	0.1V/100K	2.15	2.48	55.0	49.0	28.0	37.0
TMPF1508AV-3R0MN-ABD	3.00	±20	0.1V/100K	2.50	3.00	46.0	41.0	26.0	34.5
TMPF1508AV-4R2MN-ABD	4.20	±20	0.1V/100K	3.90	4.68	38.0	33.0	20.5	27.0
TMPF1508AV-4R7MN-ABD	4.70	±20	0.1V/100K	4.30	5.16	37.0	32.0	20.0	26.5
TMPF1508AV-5R3MN-ABD	5.30	±20	0.1V/100K	4.45	5.34	35.0	31.0	19.5	26.0
TMPF1508AV-6R2MN-ABD	6.20	±20	0.1V/100K	5.40	6.50	34.0	31.0	17.0	23.0
TMPF1508AV-7R2MN-ABD	7.20	±20	0.1V/100K	6.00	7.20	32.0	29.0	15.0	21.0
TMPF1508AV-8R2MN-ABD	8.20	±20	0.1V/100K	6.60	7.92	28.0	25.0	13.0	19.0
TMPF1508AV-100MN-ABD	10.0	±20	0.1V/100K	8.00	9.60	24.0	21.0	11.0	16.0
TMPF1508AV-150MN-ABD	15.0	±20	0.1V/100K	12.5	15.0	21.0	18.0	10.0	13.0
TMPF1508AV-220MN-ABD	22.0	±20	0.1V/100K	19.3	23.2	19.0	16.0	9.00	12.0

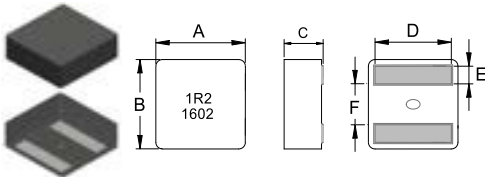
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF1510AV Series (6965 inch -55~+155℃)



■ Dimensions



Dimensions	
A	17.50±0.30
B	16.50±0.30
C	9.70±0.30
D	13.20±0.50
E	3.20±0.20
F	7.00±0.30

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A) 20℃ rise	I rms (A) 40℃ rise
TMPF1510AV-4R7MN-ABD	4.70	±20	0.1V/100K	3.40	3.80	43.0	39.0	22.0	30.0
TMPF1510AV-5R6MN-ABD	5.60	±20	0.1V/100K	3.82	4.20	38.0	34.0	21.0	28.0
TMPF1510AV-6R8MN-ABD	6.80	±20	0.1V/100K	4.18	4.60	36.0	31.0	20.0	26.0
TMPF1510AV-8R2MN-ABD	8.20	±20	0.1V/100K	6.00	7.20	32.0	28.0	19.0	25.0
TMPF1510AV-100MN-ABD	10.0	±20	0.1V/100K	7.10	8.60	29.0	26.0	18.0	24.0
TMPF1510AV-150MN-ABD	15.0	±20	0.1V/100K	9.20	11.5	23.0	20.0	14.0	18.0
TMPF1510AV-220MN-ABD	22.0	±20	0.1V/100K	13.2	15.8	20.0	18.0	11.0	16.0
TMPF1510AV-330MN-ABD	33.0	±20	0.1V/100K	18.7	20.0	18.7	16.7	9.0	13.0

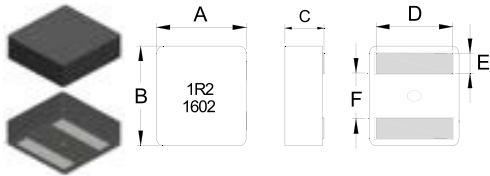
Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

TMPF1513AV Series (6965 inch -55~+155℃)



■ Dimensions



Dimensions	
A	17.50±0.30
B	16.50±0.30
C	12.70±0.30
D	13.20±0.50
E	3.20±0.20
F	7.00±0.30

Units: mm

■ Specifications

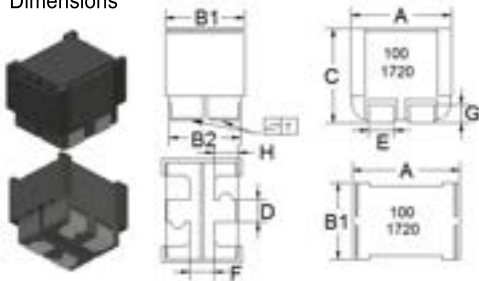
Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A)20℃ rise.	I rms (A)40℃ rise.
TMPF1513AV-4R7MN-ABD	4.70	±20	0.1V/100K	3.00	3.30	44.00	40.00	23.00	31.00
TMPF1513AV-5R6MN-ABD	5.60	±20	0.1V/100K	3.50	3.90	40.00	35.00	22.00	29.00
TMPF1513AV-6R8MN-ABD	6.80	±20	0.1V/100K	3.80	4.20	37.00	32.00	21.00	27.00
TMPF1513AV-8R2MN-ABD	8.20	±20	0.1V/100K	5.10	5.74	33.00	29.00	20.00	26.00
TMPF1513AV-100MN-ABD	10.00	±20	0.1V/100K	6.30	7.00	30.00	27.00	19.00	25.00
TMPF1513AV-150MN-ABD	15.00	±20	0.1V/100K	6.80	7.50	25.50	21.00	16.00	22.00
TMPF1513AV-220MN-ABD	22.00	±20	0.1V/100K	12.60	13.86	22.00	19.00	12.00	17.00
TMPF1513AV-330MN-ABD	33.00	±20	0.1V/100K	18.50	22.20	19.00	16.00	9.00	14.00

Note:

1.Saturation Current (Isat) will cause L0 to drop approximately 30%.



■ Dimensions



Dimensions	
A	12.0±0.20
B1	9.60±0.20
B2	8.70±0.25
C	11.3±0.30
D	1.95±0.15
E	2.80±0.10
F	3.40Min
G	2.30±0.30
H	2.50±0.30
T	≤0.15

Units: mm

■ Specifications

Part Number	Inductance (uH)	Tolerance (%)	Test Frequency (Hz)	DCR (mΩ) typ.	DCR (mΩ) max.	I sat (A) typ.	I sat (A) max.	I rms (A)20℃ rise.	I rms (A)40℃ rise.
TBMA1004P4V-R43MN-D	0.43	±20	100K/1V	1.9	2.3	27.0	23.0	38.0	34.0
TBMA1004P4V-1R0MN-D	1.00	±20	100K/1V	3.3	4.0	18.0	/	27.0	/
TBMA1004P4V-3R3MN-D	3.30	±20	100K/1V	10.5	13.0	10.0	/	19.0	/
TBMA1004P4V-5R6MN-D	5.60	±20	100K/1V	20.0	23.0	7.5	6.0	11.0	9.0
TBMA1004P4V-7R5MN-D	7.50	±20	100K/1V	25.0	28.0	6.8	5.3	10.0	8.0
TBMA1004P4V-100MN-D	10.00	±20	100K/1V	30.5	32.6	5.6	4.4	7.4	6.4
TBMA1004P4V-150MN-D	15.00	±20	100K/1V	43.5	45.5	4.6	4.1	5.5	5.0
TBMA1004P4V-220MN-D	22.00	±20	100K/1V	62.0	74.4	4.0	3.5	5.0	4.5
TBMA1004P4V-330MN-D	33.00	±20	100K/1V	100.0	115.0	4.6	/	3.4	/

Note:
1.Saturation Current (Isat) will cause L0 to drop approximately 30%.

Stress Tests for AEC-Q200

0.The Temperature Grades for Passive Electrical Component.

GRADE	TEMPERATURE RANGE		PASSIVE COMPONENT TYPE Maximum capability unless otherwise specified and qualified	TYPICAL/EXAMPLE APPLICATION
	MINIMUM	MAXIMUM		
0	-50°C	+150°C	Flat chip ceramic resistors, X8R ceramic capacitors	All automotive
1	-40°C	+125°C	Capacitor Networks, Resistors, Inductors, Transformers, Thermistors, Resonators, Crystals and Varistors, all other ceramic and tantalum capacitors	Most underhood
2	-40°C	+105°C	Aluminum Electrolytic capacitors	Passenger compartment hot spots
3	-40°C	+85°C	Film capacitors, Ferrites, R/R-C Networks and Trimmer capacitors	Most passenger compartment
4	0°C	+70°C		Non-automotive

1. Inductive Products Process Change Qualification Guidelines for the Selection of Tests.

3. High Temperature Exposure (Storage)
4. Temperature Cycling
6. Moisture Resistance
7. Biased Humidity
8. Operational Life
9. External Visual
10. Physical Dimension
11. Terminal Strength (Leaded)
12. Resistance to Solvents
13. Mechanical Shock
14. Vibration
15. Resistance to Soldering Heat
16. Thermal Shock
17. Electrostatic Discharge (ESD)
18. Solderability
19. Electrical Characterization
20. Flammability
21. Board Flex
22. Terminal Strength (SMD)

Stress Tests for AEC-Q200

Note: A letter or "●" indicates that performance of that stress test should be considered for the appropriate process change

[illegible][illegible]

a = Multilayer only

B = comparative data (unchanged vs. Changed) required

Stress Tests for AEC-Q200

2. Table of Test Methods for Inductors.(1/2)

Stress Tests	NO	Reference	Additional Requirements
Pre- and Post-Stress Electrical Test	1	User Spec.	Test is performed except as specified in the applicable stress reference and the additional requirements in Table .
High Temperature Exposure (Storage)	3	MIL-STD-202 Method 108	1000 hrs. at rated operating temperature (e.g. 125°C part can be stored for 1000 hrs. @ 125°C. Same applies for 105°C and 85°C. Unpowered. Measurement at 24±4 hours after test conclusion.
Temperature Cycling	4	JESD22 Method JA-104	1000 cycles (-40°C to +125°C). Note: If 85°C part or 105°C part the 1000 cycles will be at that temperature. Measurement at 24±4 hours after test conclusion. 30min maximum dwell time at each temperature extreme. 1 min. maximum transition time.
Moisture Resistance	6	MIL-STD-202 Method 106	t = 24 hours/cycle. Note: Steps 7a & 7b not required. Unpowered. Measurement at 24±2 hours after test conclusion.
Biased Humidity	7	MIL-STD-202 Method 103	1000 hours 85°C/85%RH. Unpowered. Measurement at 24±4 hours after test conclusion.
Operational Life	8	MIL-PRF-27	MIL-PRF-27 1000 hrs. @ 105°C. If 85°C or 125°C part will be tested at that temperature. Measurement at 24±4 hours after test conclusion.
External Visual	9	MIL-STD-883 Method 2009	Inspect device construction, marking and workmanship. Electrical Test not required.
Physical Dimension	10	JESD22 Method JB-100	Verify physical dimensions to the applicable device detail specification. Note: User(s) and Suppliers spec. Electrical Test not required.
Terminal Strength (Leaded)	11	MIL-STD-202 Method 211	Test leaded device lead integrity only. Conditions: A (910 g), C (1.13 kg), E (1.45 kg-mm)
Resistance to Solvents	12	MIL-STD-202 Method 215	Note: Add Aqueous wash chemical. OKEM Clean or equivalent. Do not use banned solvents.
Mechanical Shock	13	MIL-STD-202 Method 213	Figure 1 of Method 213. Condition C

Stress Tests for AEC-Q200

2.Table of Test Methods for Inductors.(2/2)

Stress Tests	NO	Reference	Additional Requirements
Vibration	14	MIL-STD-202 Method204	5g's for 20 minutes, 12 cycles each of 3 orientations. Note: Use 8"X5" PCB, .031" thick, 7 secure points on one long side and 2 secure points at corners of opposite sides. Parts mounted within 2" from any secure point. Test from 10-2000 Hz.
Resistance to Soldering Heat	15	MIL-STD-202 Method 210	Condition B No pre-heat of samples. Note: Single Wave Solder - Procedure 2 for SMD and Procedure 1 for Leaded with solder within 1.5mm of device body.
Thermal Shock	16	MIL-STD-202 Method 107	-40°C/+125°C. Note: Number of cycles required is 300. Maximum transfer time is 20 seconds. Dwell time is 15 minutes. Below 125°C use Condition A for maximum temperature. Air-Air.
ESD	17	AEC-Q200-002 or ISO/DIS 10605	
Solderability	18	J-STD-002	For both Leaded & SMD. Electrical Test not required. Magnification 50X. Conditions: Leaded: Method A @ 235°C, category 3. SMD: a) Method B, 4 hrs @ 155°C dry heat @ 235°C b) Method B @ 215°C category 3. c) Method D category 3 @ 260°C.
Electrical Characterization	19	User Spec.	Parametrically test per lot and sample size requirements, summary to show Min, Max, Mean and Standard deviation at room as well as Min and Max operating temperatures.
Flammability	20	UL-94	V-0 or V-1 Acceptable
Board Flex	21	AEC-Q200-005	60 sec minimum holding time.
Terminal Strength (SMD)	22	AEC-Q200-006	