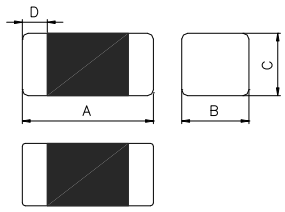
Ferrite Chip Bead(Lead Free)

FCM1608_O-Series

1. Features

1. Monolithic inorganic material construction.
2. Closed magnetic circuit avoids crosstalk.
3. S.M.T. type.
4. Suitable for reflow soldering.
5. Shapes and dimensions follow E.I.A. spec.
6. Available in various sizes.
7. Excellent solder ability and heat resistance.
8. High reliability.
9. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
10. Operating Temperature:-55~+125℃(Including self-temperature rise)

2. Dimensions



Chip Size	
A	1.60±0.15
B	0.80±0.15
C	0.80±0.15
D	0.30±0.20

Units: mm

3. Part Numbering

FCM	1608	K	O	-	600	T	07
A	B	C	D		E	F	G

A: Series
B: Dimension L x W
C: Material Lead Free Material
D: Category Code O=Industrial Grade
E: Impedance 600=60Ω
F: Packaging T=Taping and Reel
G: Rated Current 07=700mA

4. Specification

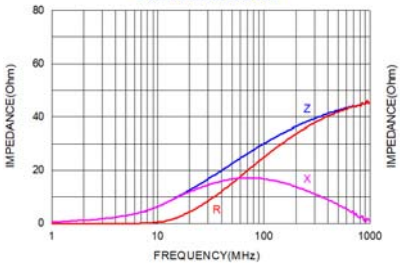
Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM1608KO-300T07	30±25%	100	0.20	700
FCM1608KO-600T07	60±25%	100	0.20	700
FCM1608KO-121T06	120±25%	100	0.25	600
FCM1608KO-151T06	150±25%	100	0.25	600
FCM1608KO-221T05	220±25%	100	0.30	550
FCM1608KO-301T05	300±25%	100	0.35	500
FCM1608KO-471T03	470±25%	100	0.45	350
FCM1608KO-601T03	600±25%	100	0.50	350
FCM1608KO-102T02	1000±25%	100	0.70	200
FCM1608HO-152T02	1500±25%	100	1.00	200
FCM1608HO-202T01	2000±25%	100	1.20	150

Tai-Tech Part Number	Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.
FCM1608CO-100T07	10±25%	100	0.20	700
FCM1608CO-300T06	30±25%	100	0.25	600
FCM1608CO-600T06	60±25%	100	0.30	600
FCM1608CO-121T03	120±25%	100	0.40	300
FCM1608CO-221T02	220±25%	100	0.60	250
FCM1608CO-301T02	300±25%	100	0.80	200

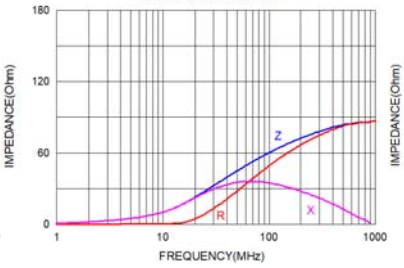
- Rated current: based on temperature rise test
- In compliance with EIA 595
- All test data referenced to 25℃ ambient

Impedance Frequency Characteristics(Typical)

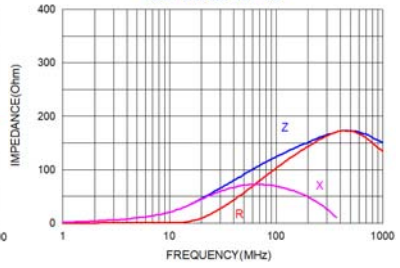
FCM1608KO-300T07



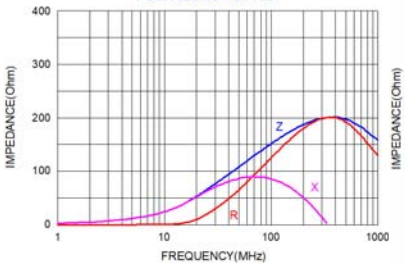
FCM1608KO-600T07



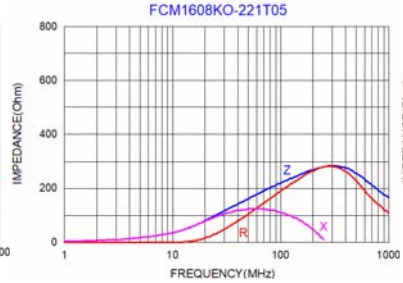
FCM1608KO-121T06



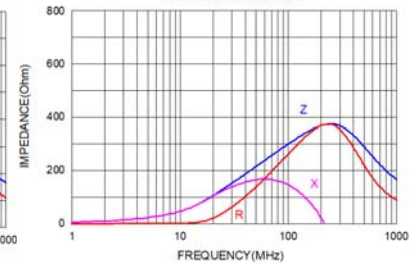
FCM1608KO-151T06



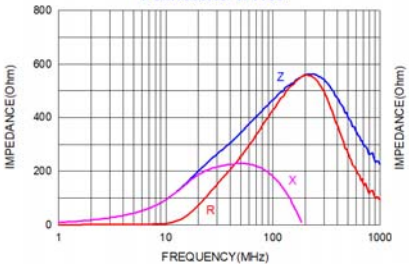
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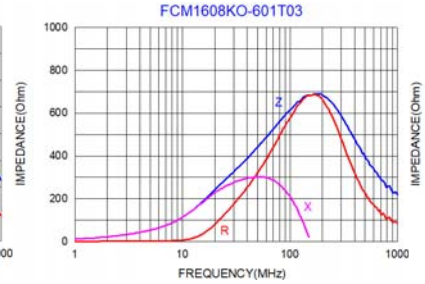
FCM1608KO-301T05



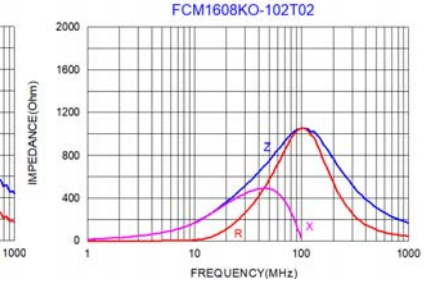
FCM1608KO-471T03



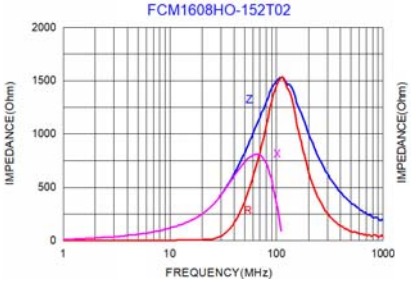
FCM1608KO-601T03



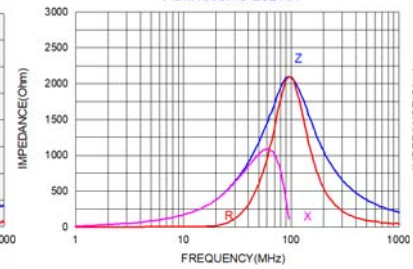
FCM1608KO-102T02



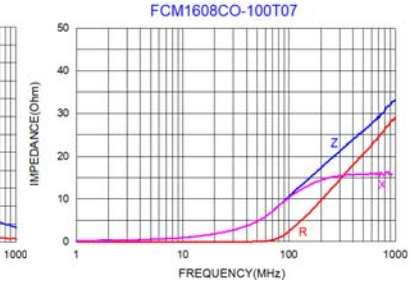
FCM1608HO-152T02



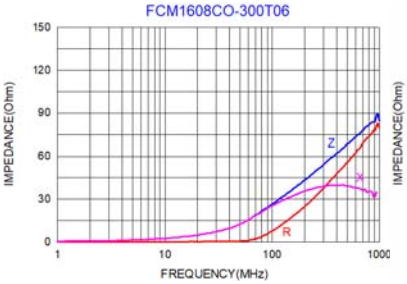
FCM1608HO-202T01



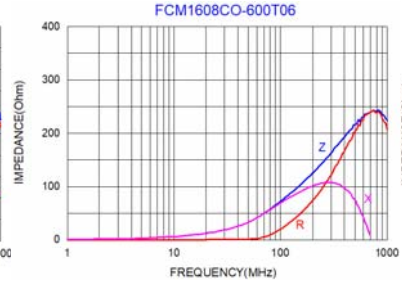
FCM1608CO-100T07



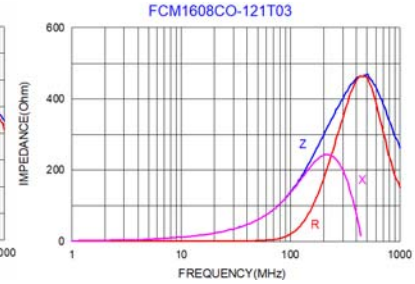
FCM1608CO-300T06



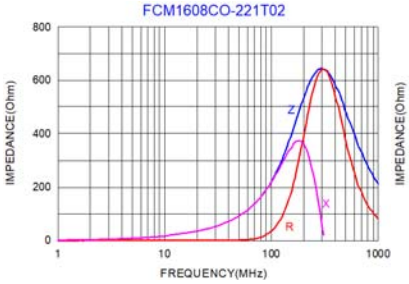
FCM1608CO-600T06



FCM1608CO-121T03



FCM1608CO-221T02



FCM1608CO-301T02

