

Wire Wound Type Common Mode Filter

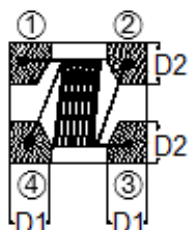
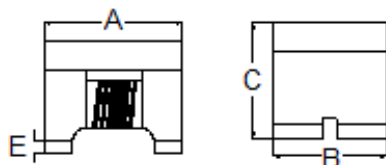
HSF1210F2SF-SERIES

1. Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. HSF1210F2SF series realizes small size and low profile. 1.2x1.0x0.9 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature -40~+125°C (Including self - temperature rise)



2. Dimension



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	E(mm)
1210F2SF	1.2±0.2	1.0±0.2	0.9 max.	0.35±0.1	0.35±0.1	0.03 min.

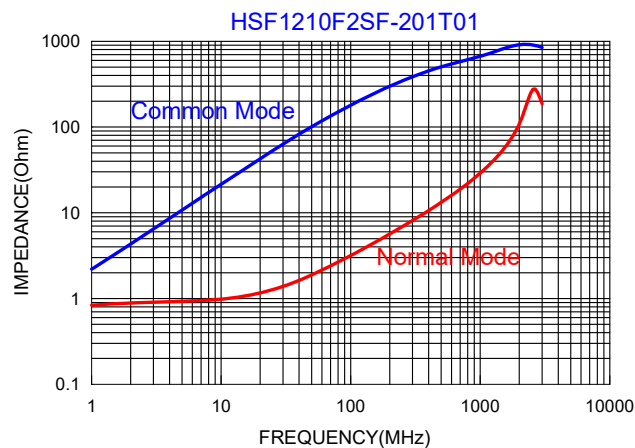
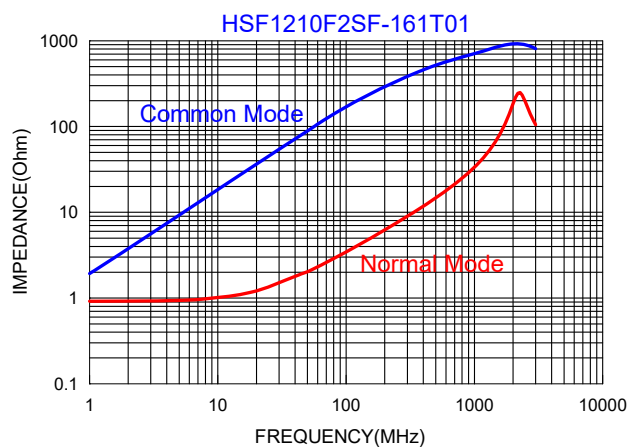
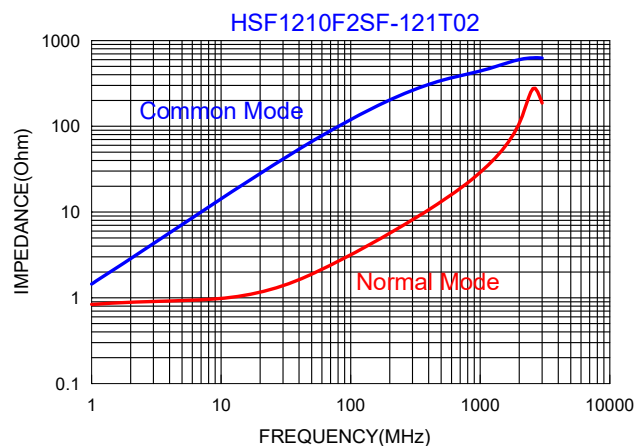
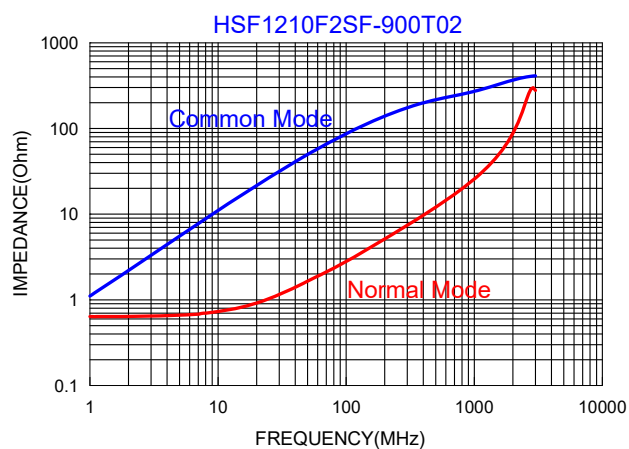
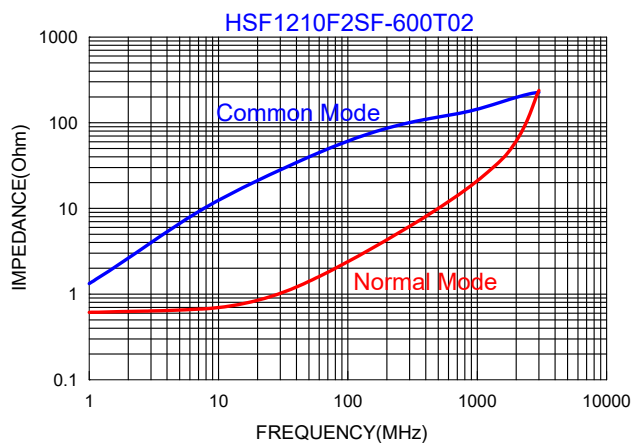
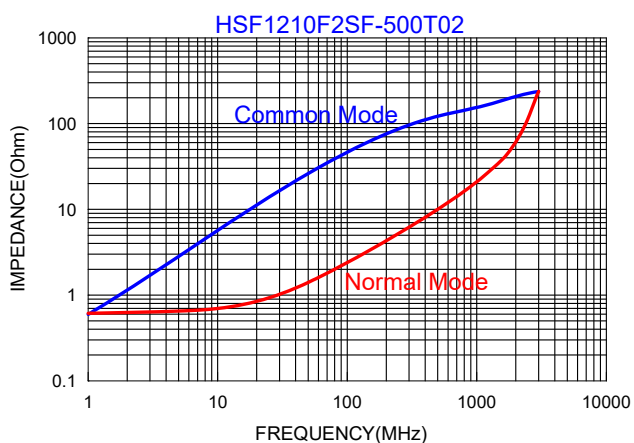
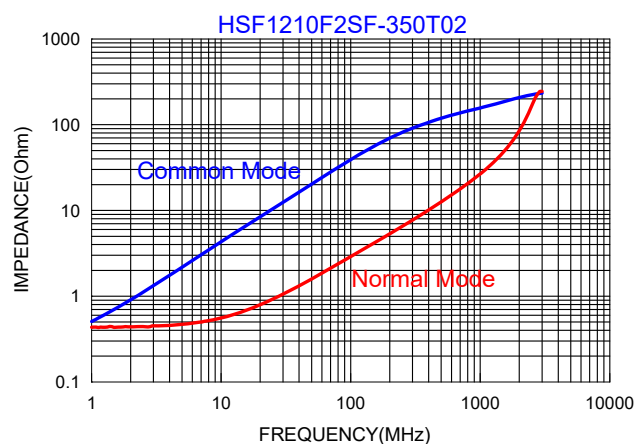
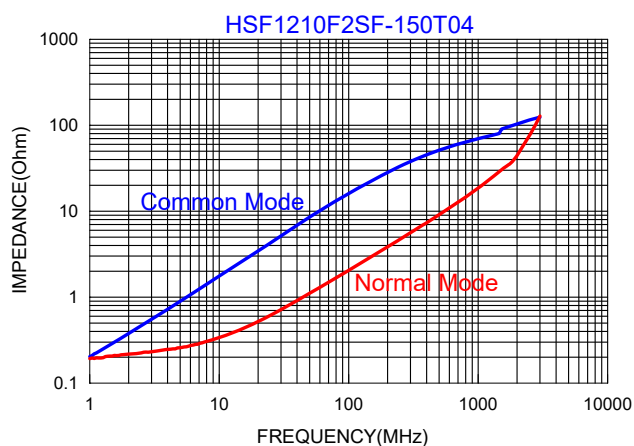
3. Part Numbering

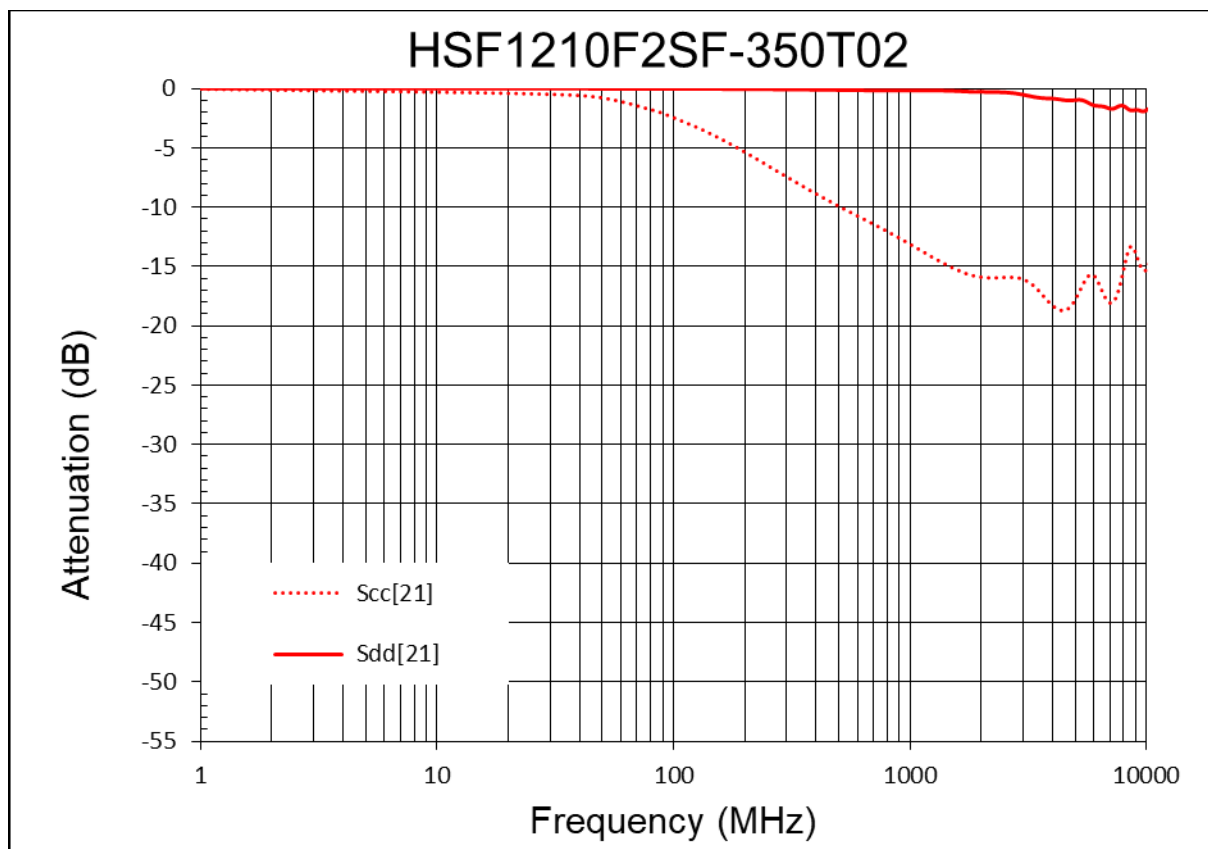
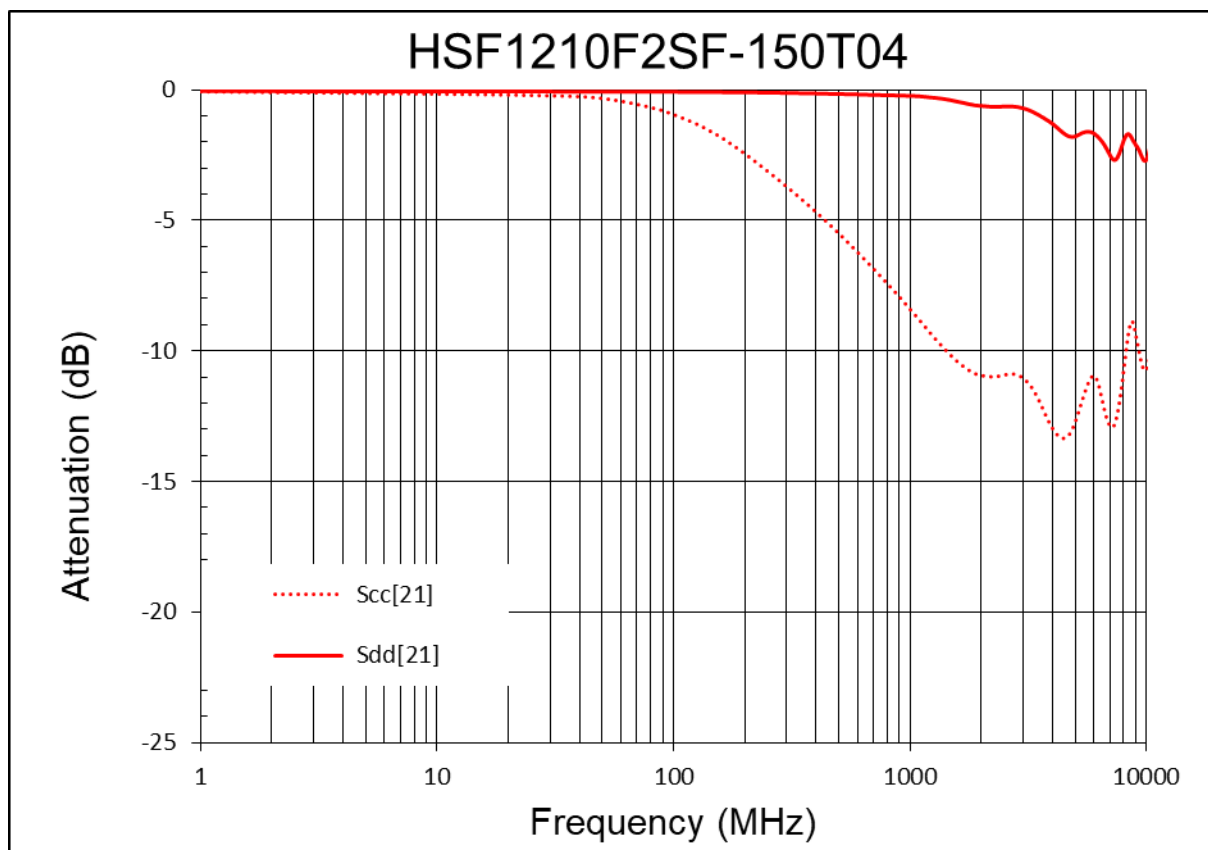
HSF	1210	F	2	S	F	-	900	T	02
A	B	C	D	E	F		G	H	I

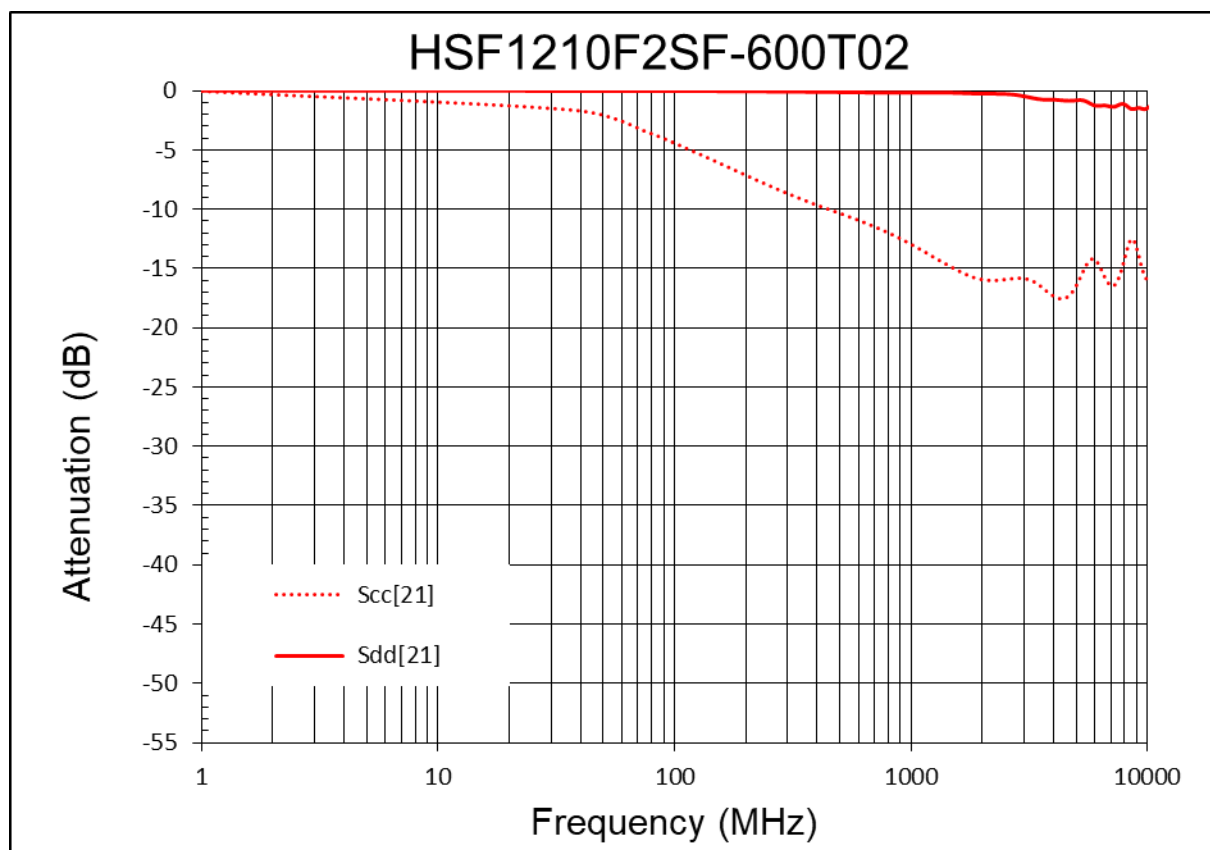
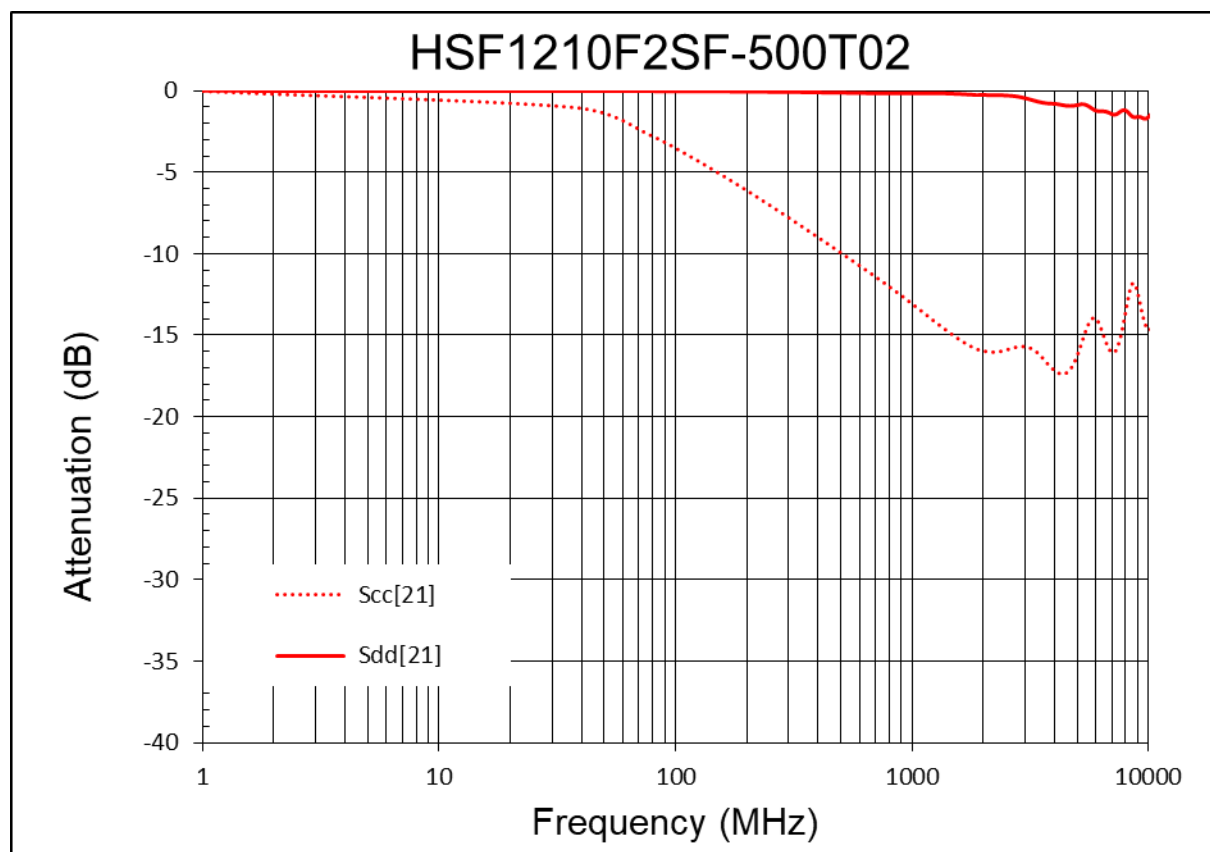
A: Series	
B: Dimension	
C: Material	Ferrite
D: Number of Lines	2=2 lines
E: Type	S=Shielded, N=Unshielded
F: Lead free	
G: Impedance	900=90Ω
H: Packaging	T=Taping and Reel, B=Bulk
I: Rated Current	02=200mA

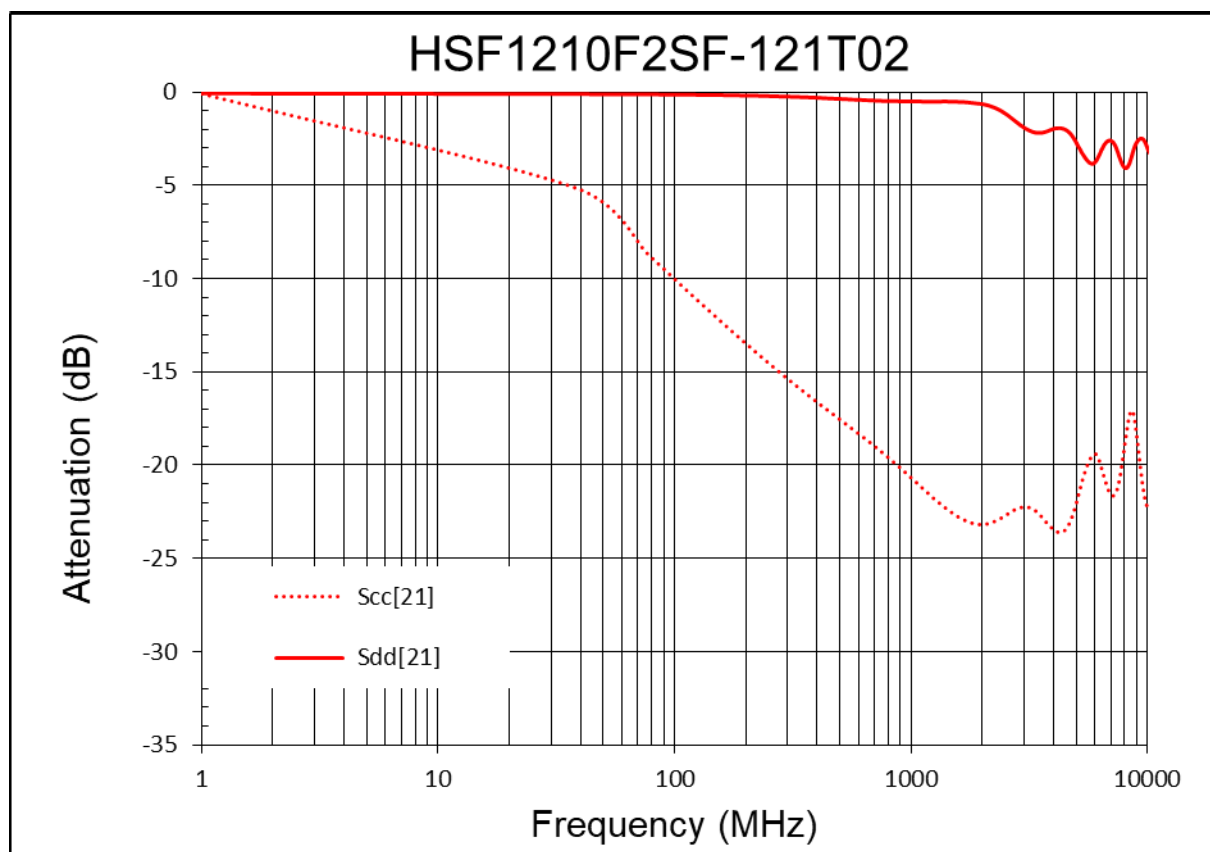
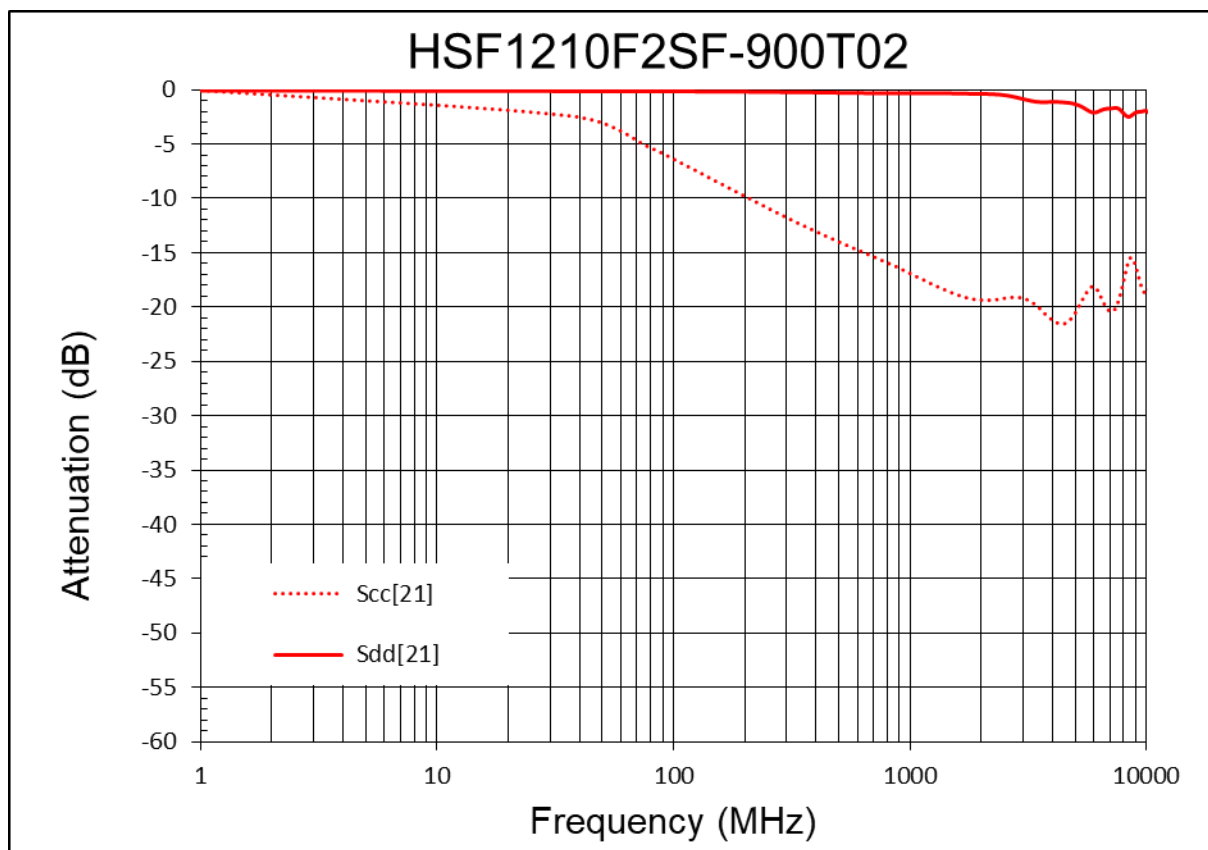
4. Specification

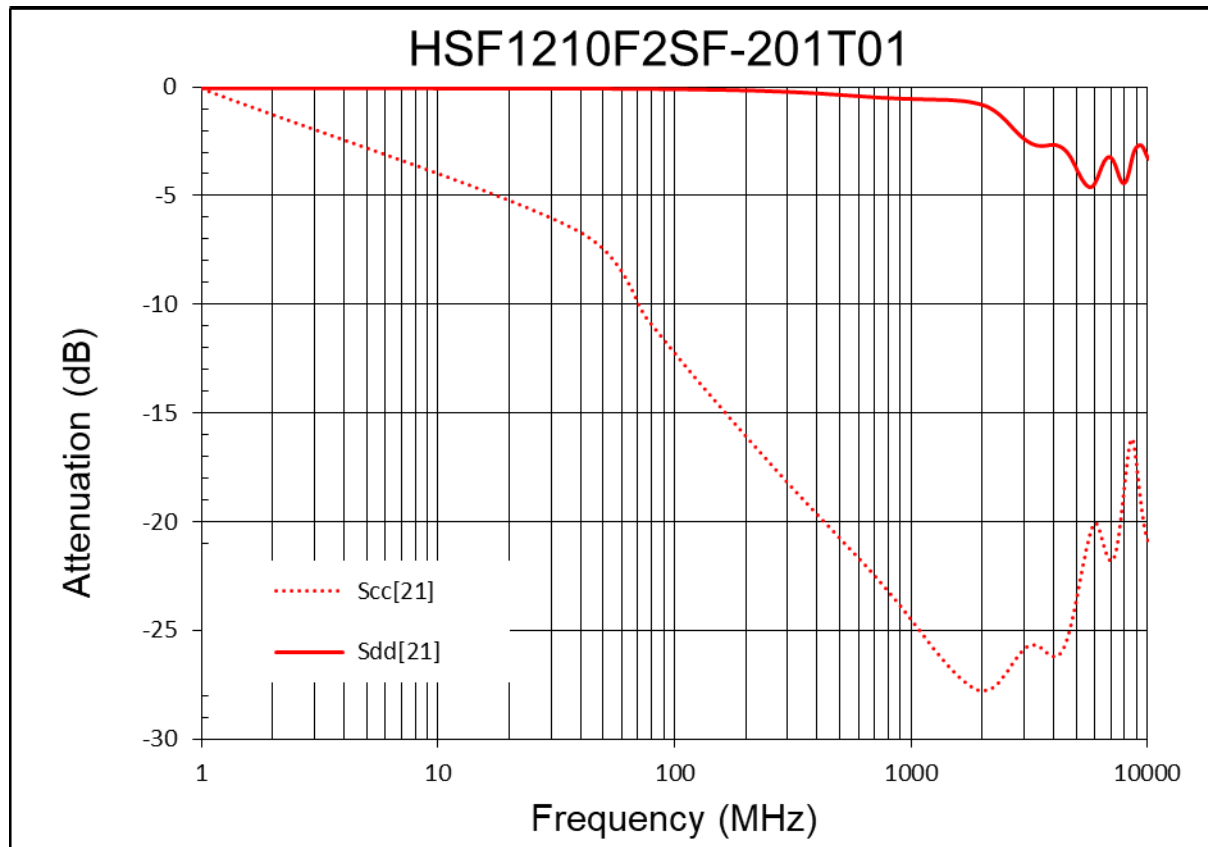
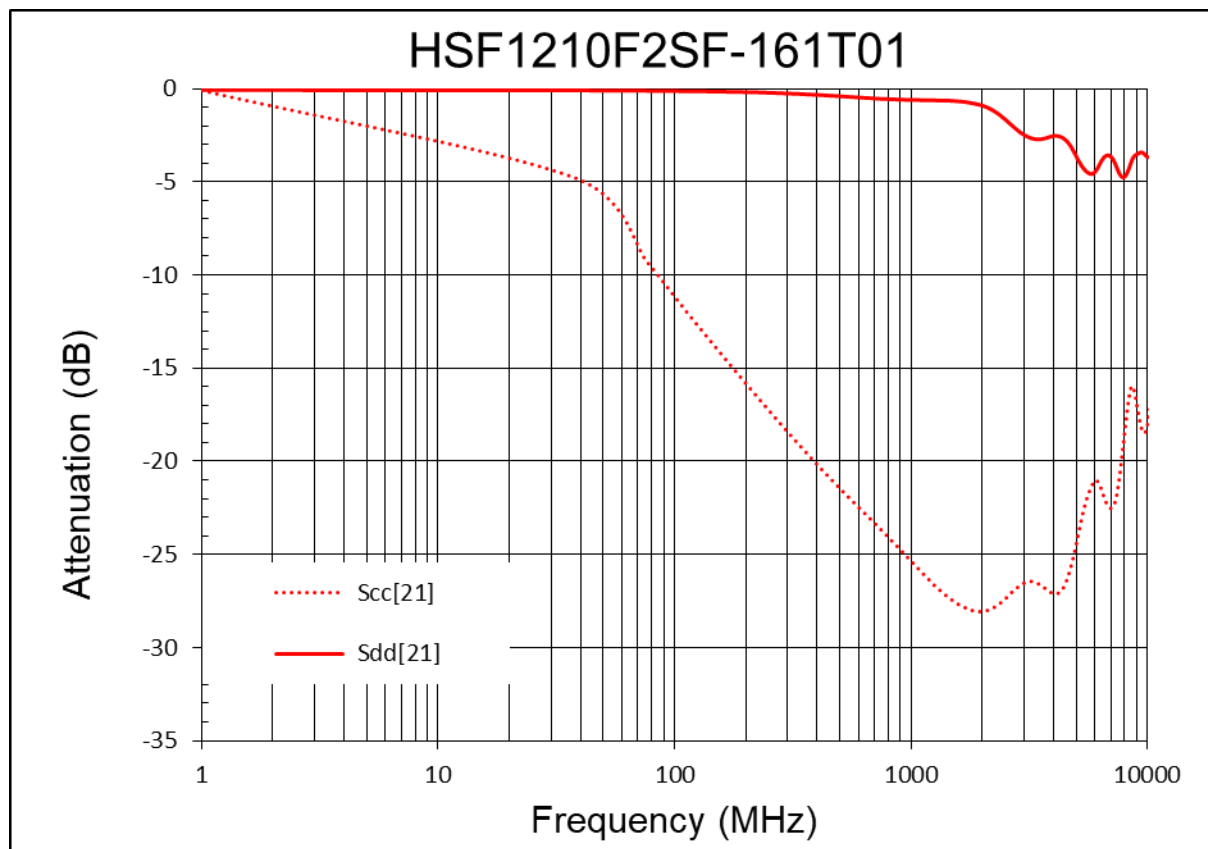
TAI-TECH Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	Withstand Volt. (Vdc) max.	IR (Ω) min.
HSF1210F2SF-150T04	15±25%	100	0.25	400	50	125	10M
HSF1210F2SF-350T02	35±25%	100	0.30	200	50	125	10M
HSF1210F2SF-500T02	50±25%	100	0.30	250	50	125	10M
HSF1210F2SF-600T02	60±25%	100	0.30	250	50	125	10M
HSF1210F2SF-900T02	90±25%	100	0.40	200	50	125	10M
HSF1210F2SF-121T02	120±25%	100	0.35	250	50	125	10M
HSF1210F2SF-161T01	160±25%	100	0.43	160	50	125	10M
HSF1210F2SF-201T01	200±25%	100	0.80	120	50	125	10M



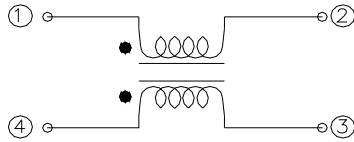








5. Schematic Diagram



6. Recommended PC Board Pattern

	HSF1210F2S
L(mm)	1.55
H(mm)	1.10
G1(mm)	0.65
G2(mm)	0.30

