

Wire Wound Type Common Mode Filter

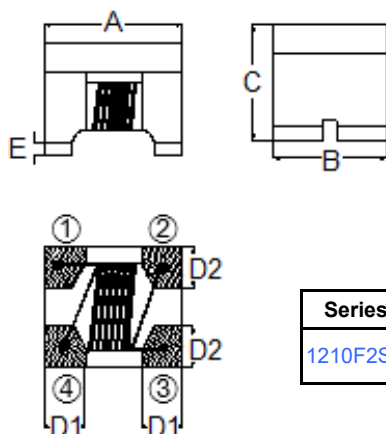
HSF1210F2SV-SERIES

1. Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. HSF1210F2SV series realizes small size and low profile. 1.2x1.0x0.9 mm.
3. 100% Lead (Pb) & Halogen-Free and RoHS compliant.
4. Excellent for USB3.0
5. High reliability -Reliability tests comply with AEC-Q200
6. Operating temperature-55~+125°C (Including self - temperature rise)



2. Dimension



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	E(mm)
1210F2SV	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	V	-	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: Category Code V=Vehicle

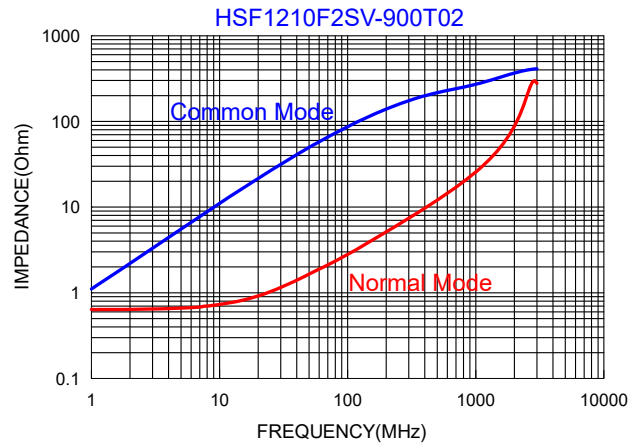
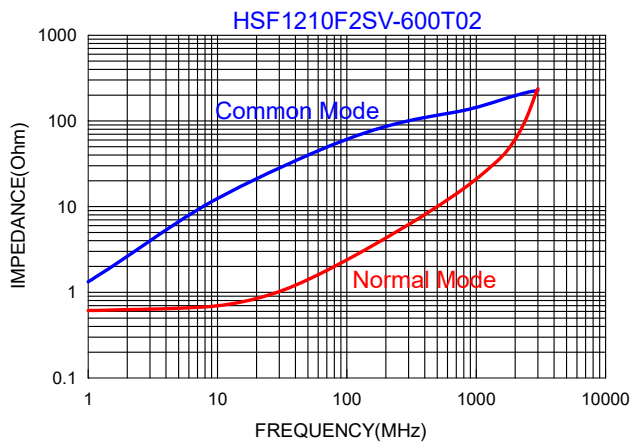
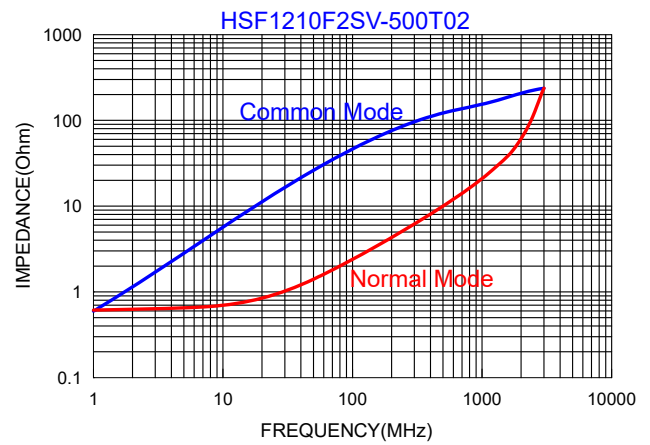
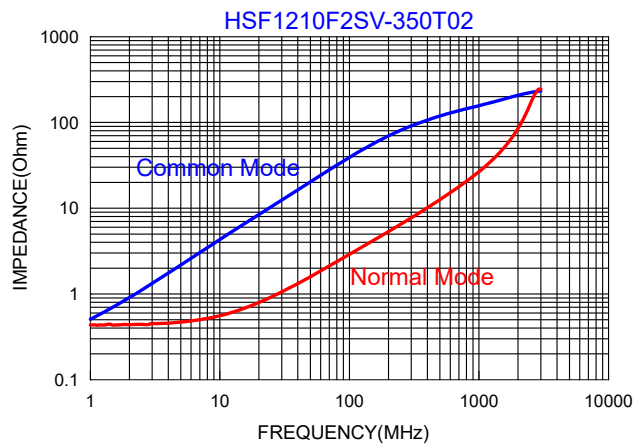
G: Impedance 900=90Ω

H: Packaging T=Taping and Reel, B=Bulk

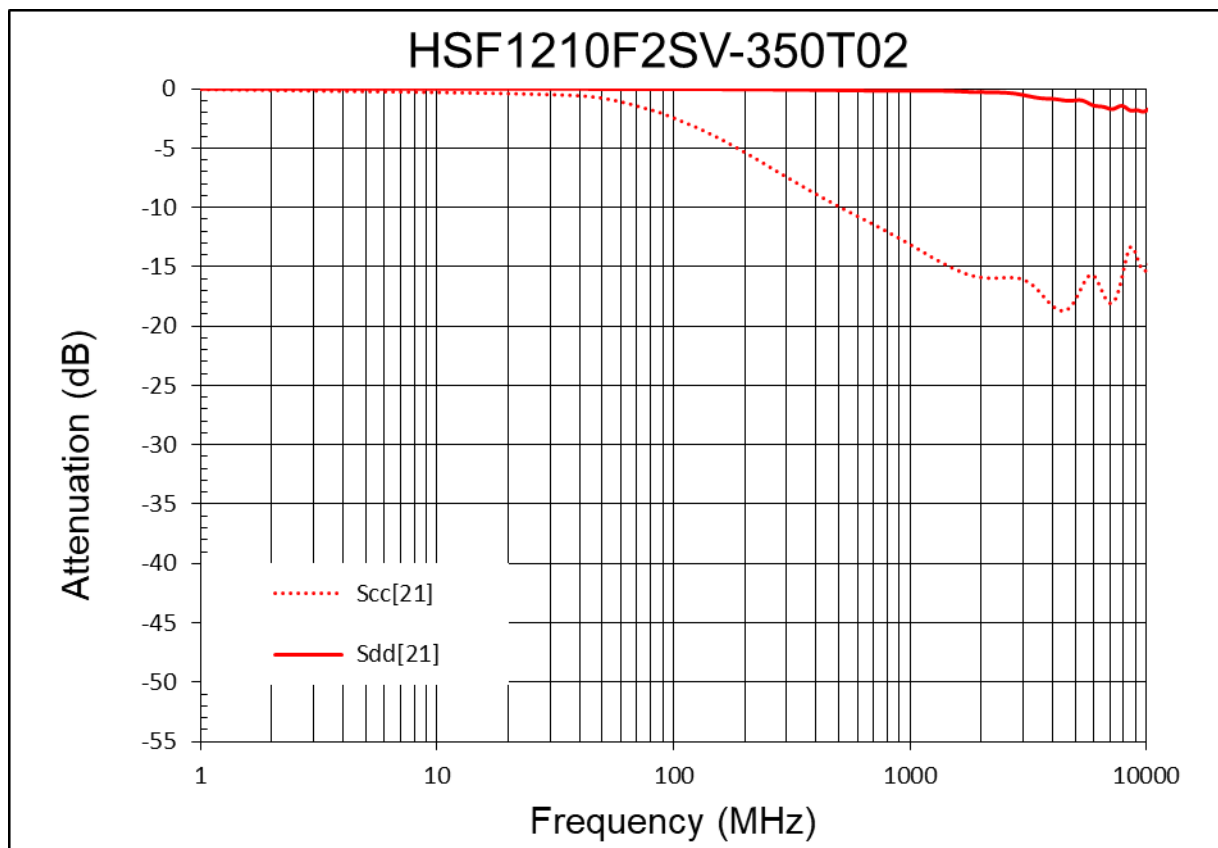
I: Rated Current 02=200mA

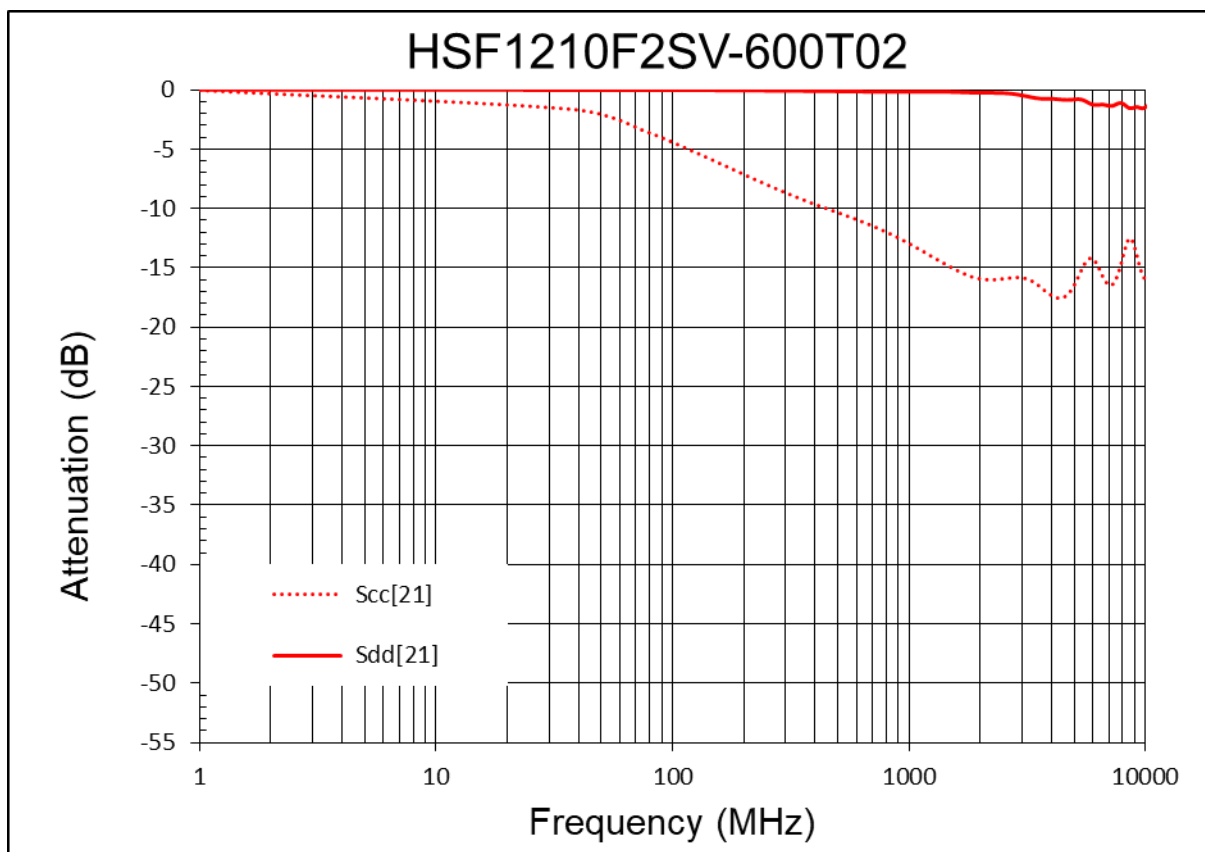
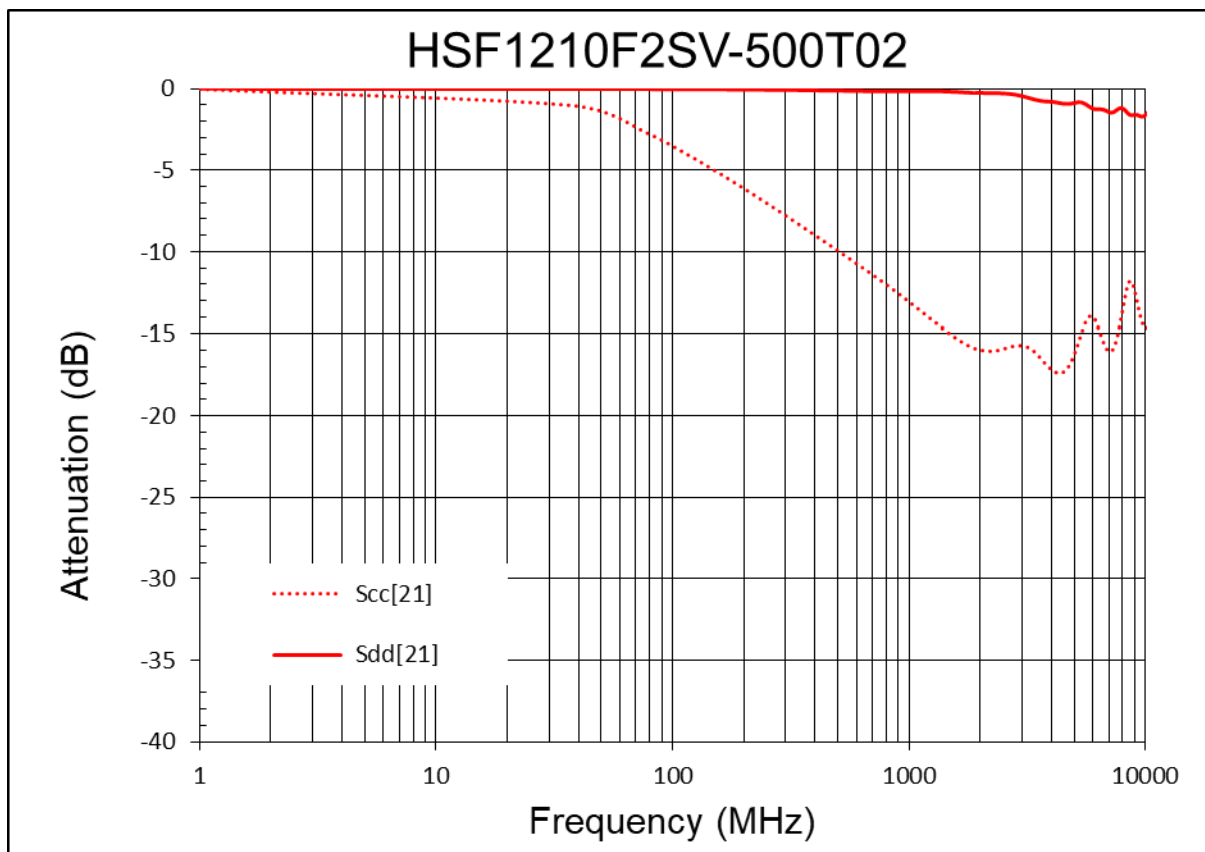
4. Specification

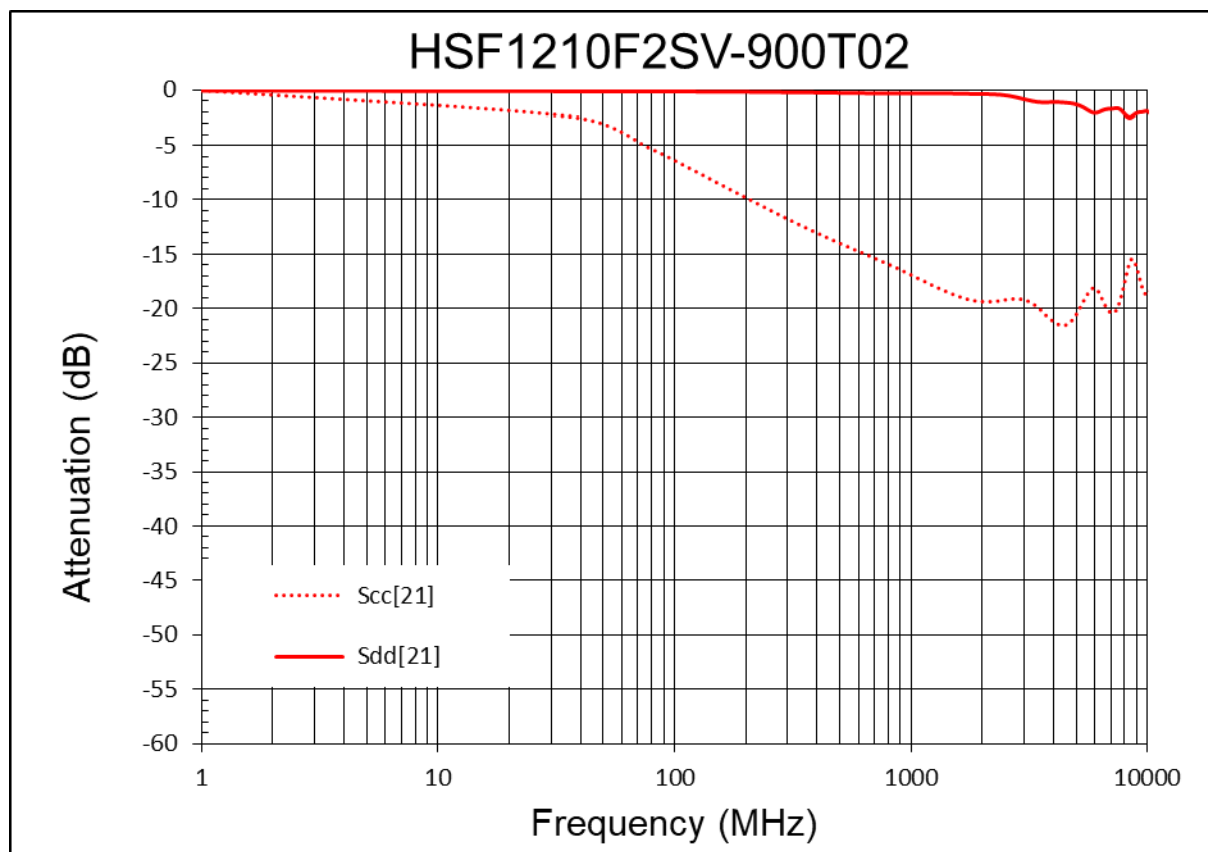
TAI-TECH Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	Withstand Volt. (Vdc) max.	IR (Ω) min.
HSF1210F2SV-350T02	35±25%	100	0.30	200	50	125	10M
HSF1210F2SV-500T02	50±25%	100	0.30	250	50	125	10M
HSF1210F2SV-600T02	60±25%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



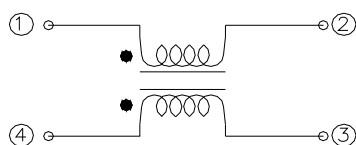
Sdd21&Scc21







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

