

Wire Wound Type Common Mode Filter

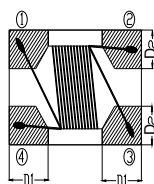
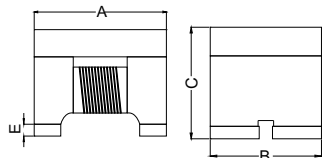
HSF1210F2SF-SERIES

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. Excellent for USB3.0
5. 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.

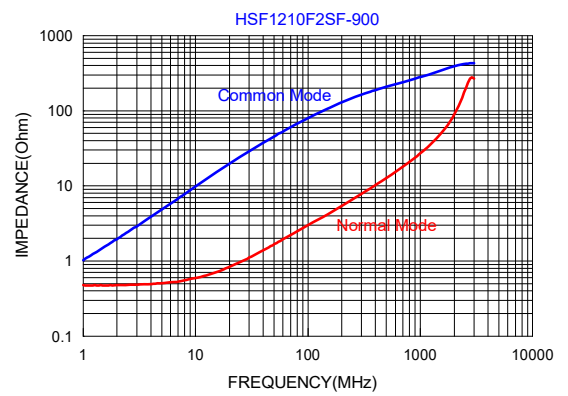
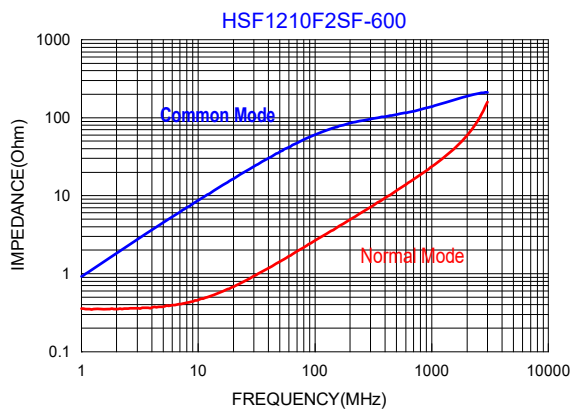
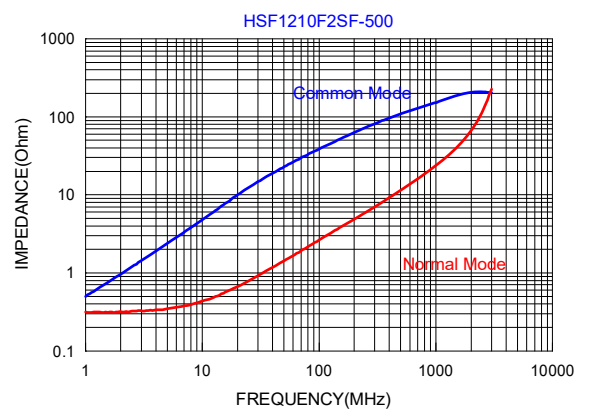
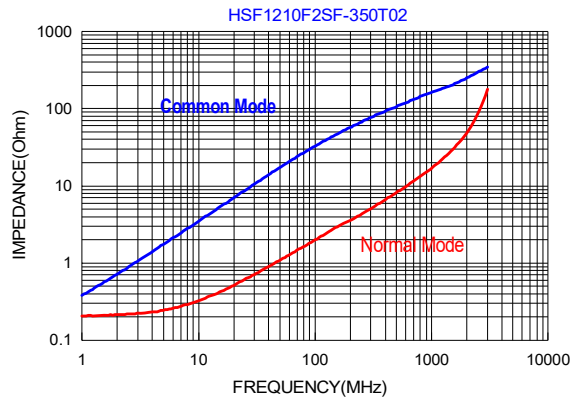
3. Part Numbering



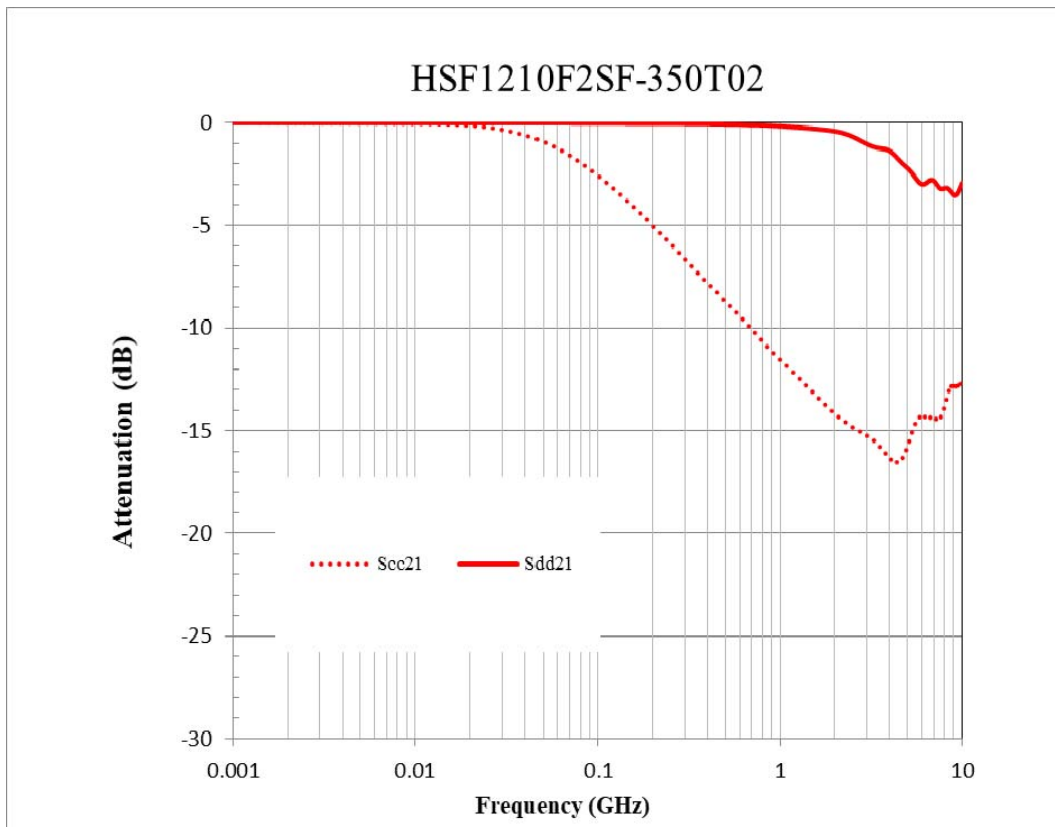
- A: Series
- B: Dimension
- C: Material Ferrite
- D: Number of Lines 2=2 lines
- E: Type S=One Circuit Type , N=Unshielded
- F: Lead free
- G: Impedance 900=90Ω
- H: Packaging T=Taping and Reel, B=Bulk
- I: Rated Current 02=200mA

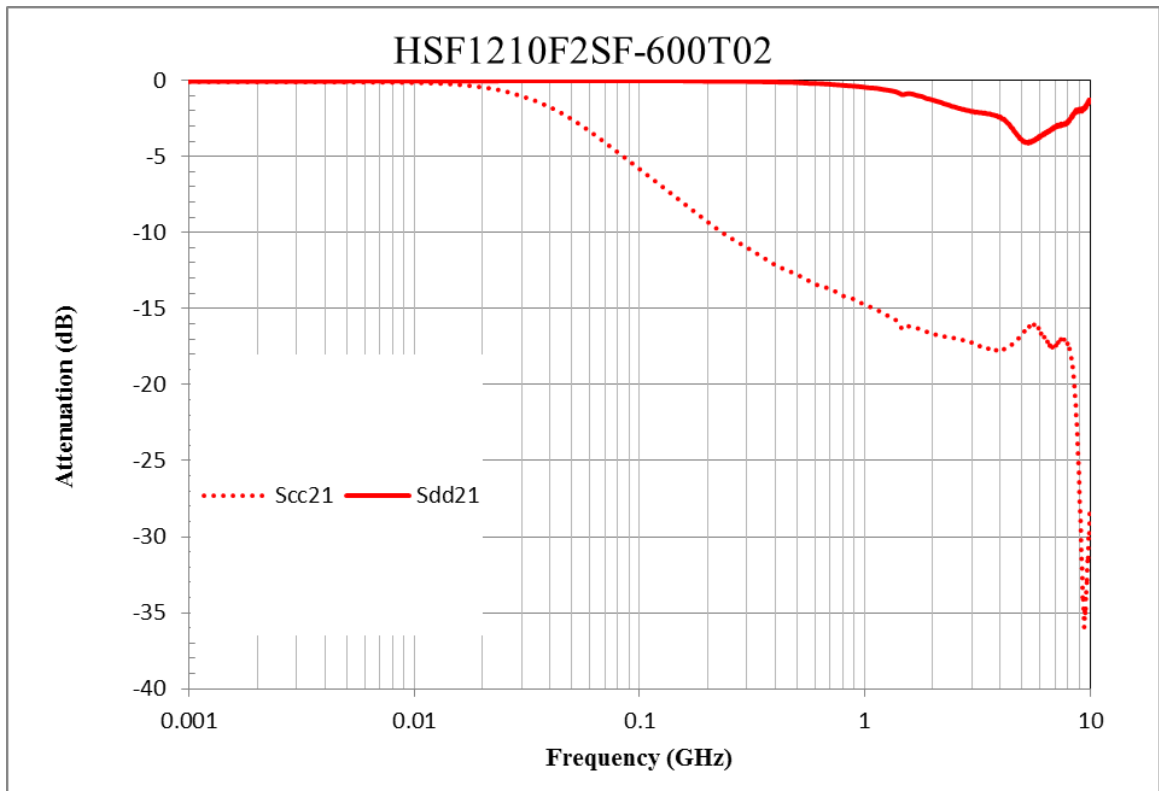
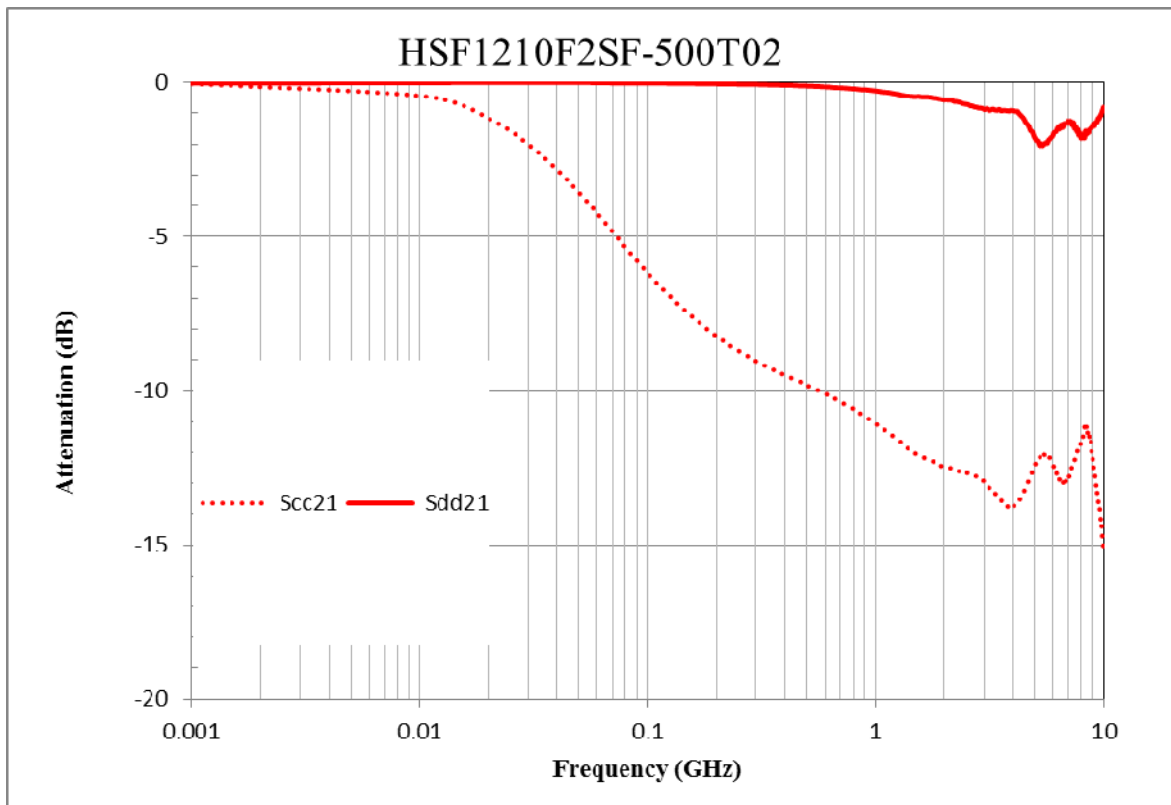
4. Specification

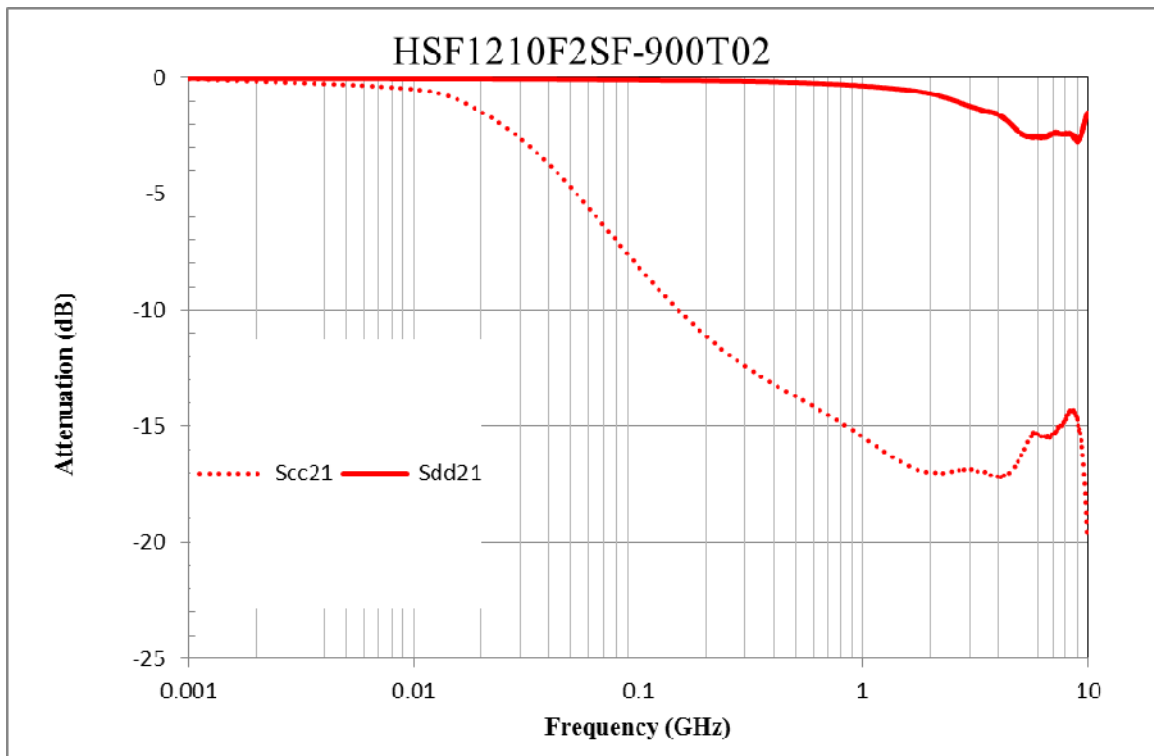
TAI-TECH Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA)	Rated Volt. (Vdc)	Withstand Volt. (Vdc)	IR (Ω) min.
HSF1210F2SF-350T02	35±25%	100	0.30	200	50	125	10M
HSF1210F2SF-500T02	50±25%	100	0.30	250	50	125	10M
HSF1210F2SF-600T02	60±25%	100	0.30	250	50	125	10M
HSF1210F2SF-900T02	90±25%	100	0.40	200	50	125	10M



Sdd21&Scc21







5. Schematic Diagram

