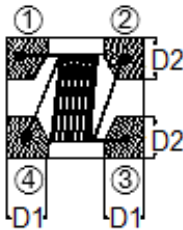
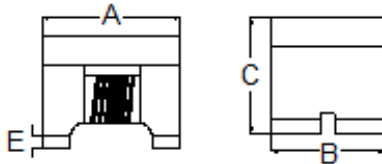


1. Features

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℃ (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

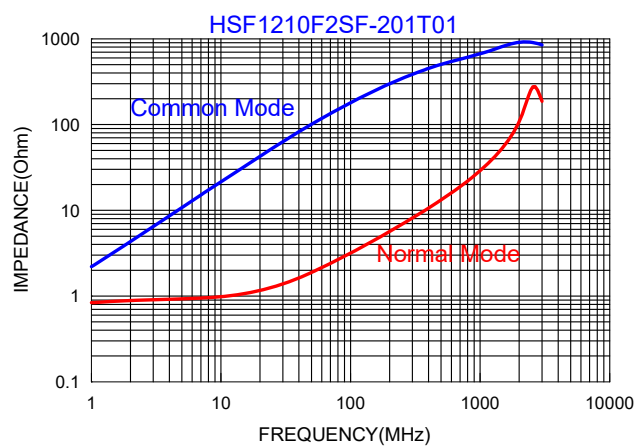
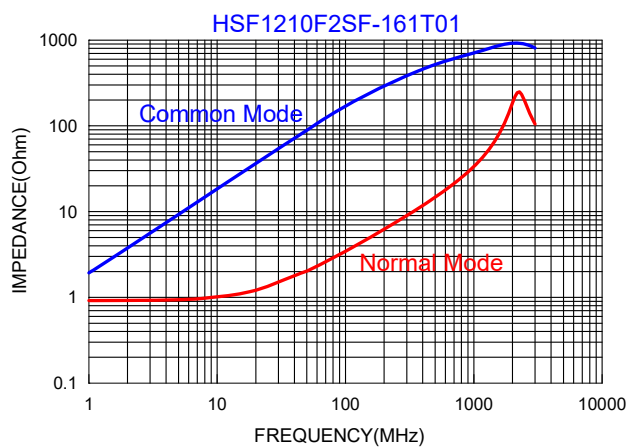
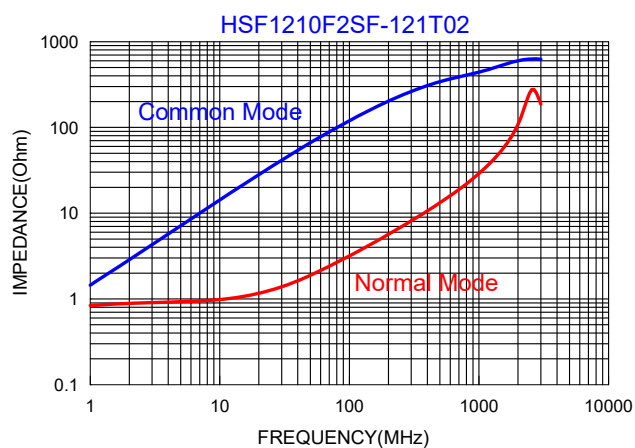
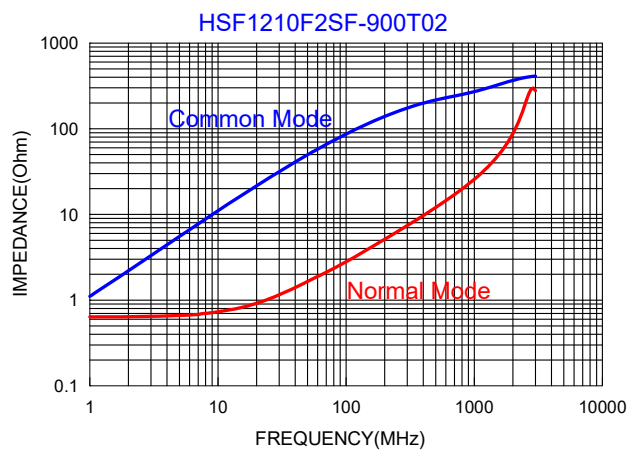
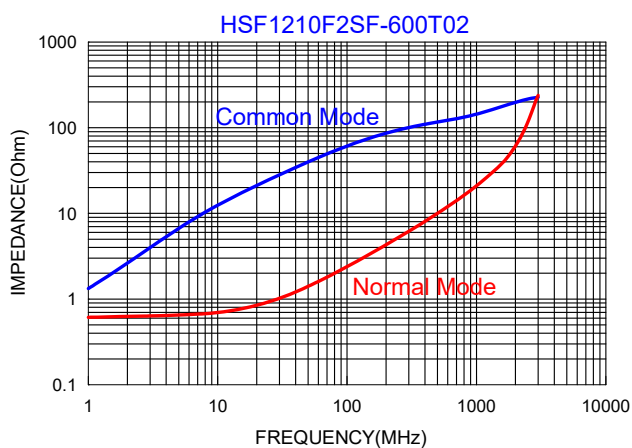
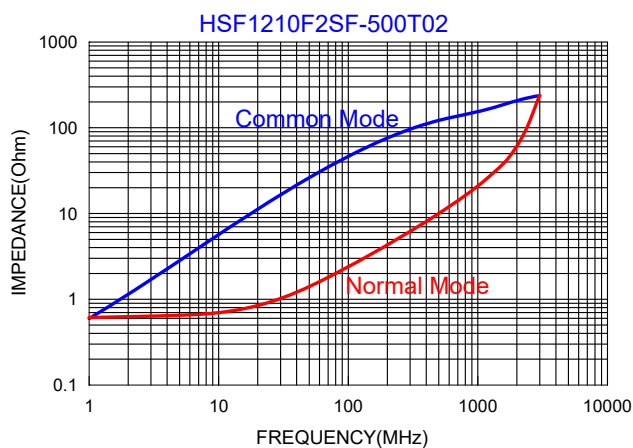
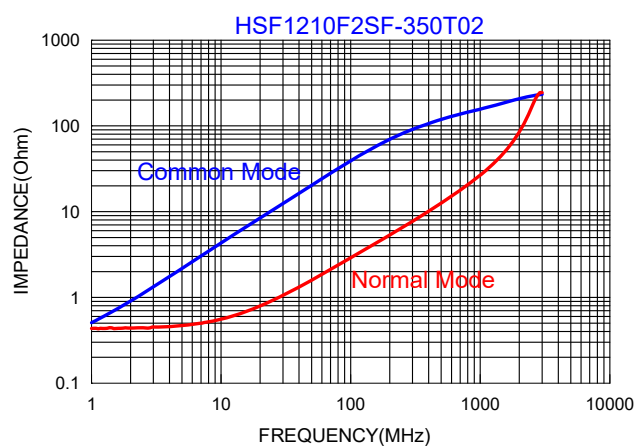
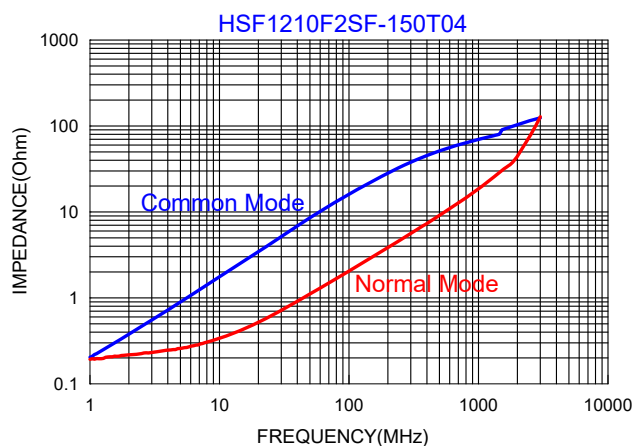
- A: Series
 B: Dimension
 C: Material Ferrite
 D: Number of Lines 2=2 lines
 E: Type S=Shielded, N=Unshielded
 F: Lead free
 G: Impedance 900=90Ω
 H: Packaging T=Taping and Reel, B=Bulk
 I: Rated Current 02=200mA

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.	Insulation Resistance (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	0.60	100	50	125	10M
HSF1210F2SF-201T01	200±25%	100	0.80	120	50	125	10M

Note:

- Samples Quantity : 10 pcs
- All test data referenced to 25℃ ambient.



Wire Wound Type Common Mode Filter

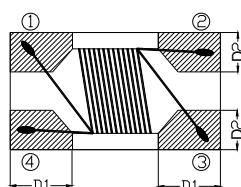
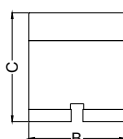
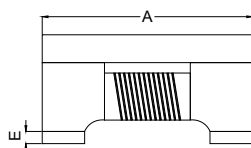
HSF2012F2SF-SERIES-H

1. Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. HSF2012F2SF series realizes small size and low profile. 2.0x1.2x1.2 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. For USB3.1G2 & HDMI2.0.
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)
2012F2SF	2.0±0.2	1.2±0.2	1.2±0.2	0.50±0.1	0.51±0.1	0.15±0.1

3. Part Numbering

HSF	2012	F	2	S	F	-	600	T	03	-	H
A	B	C	D	E	F		G	H	I		J

- A: Series
 B: Dimension
 C: Material Ferrite Core
 D: Number of Lines 2=2 lines
 E: Type S=Shielded, N=Unshielded
 F: Lead free
 G: Impedance 600=60Ω
 H: Packaging T=Taping and Reel
 I: Rated Current 03=300mA
 J: Control S/N

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.	Insulation Resistance (Ω) min.
HSF2012F2SF-300T04-H	30±25%	100	0.20	400	50	125	10M
HSF2012F2SF-600T03-H	60±25%	100	0.30	300	50	125	10M
HSF2012F2SF-900T03-H	90±25%	100	0.30	300	50	125	10M
HSF2012F2SF-121T03-H	120±25%	100	0.35	330	50	125	10M

Note:

- Samples Quantity : 10 pcs
- All test data referenced to 25°C ambient.

