

# Wire Wound Type Common Mode Filter

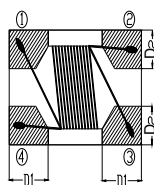
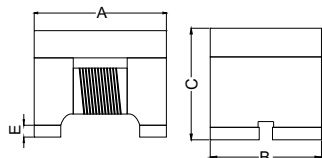
HSF1210F2SV-SERIES

## 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.

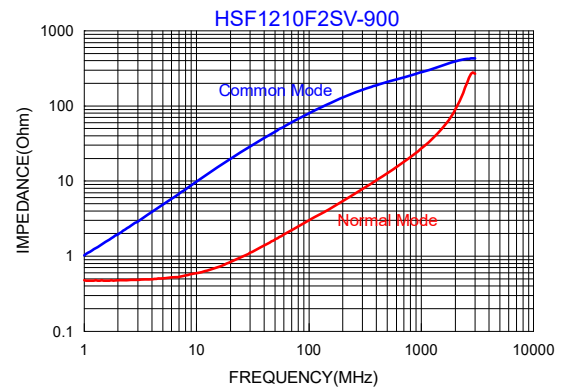
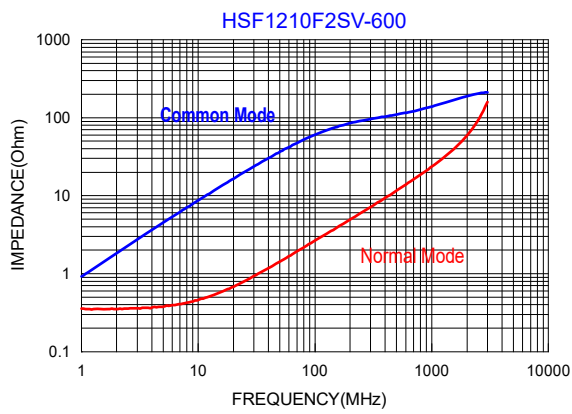
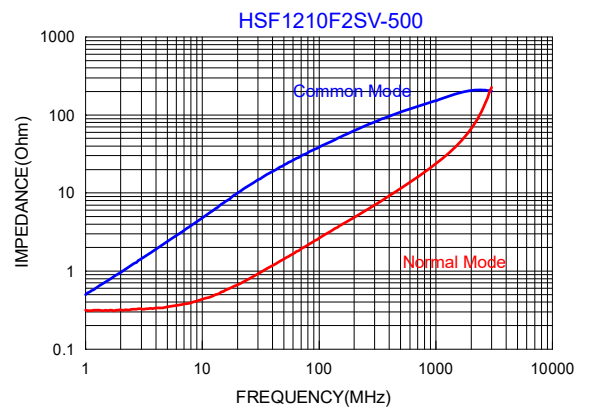
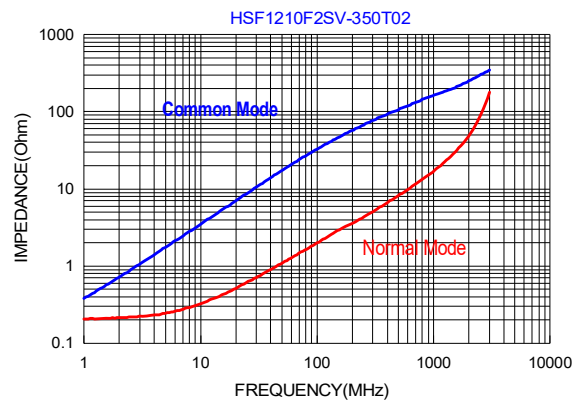
## 3. Part Numbering

<b>HSF</b>	<b>1210</b>	<b>F</b>	<b>2</b>	<b>S</b>	<b>V</b>	-	<b>900</b>	<b>T</b>	<b>02</b>
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=One Circuit Type , 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)	Rated Volt. (Vdc)	Withstand Volt. (Vdc)	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



### 5. Schematic Diagram

