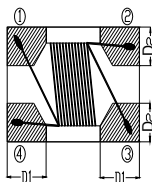
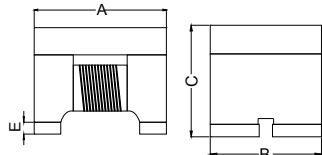


1. Features

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)

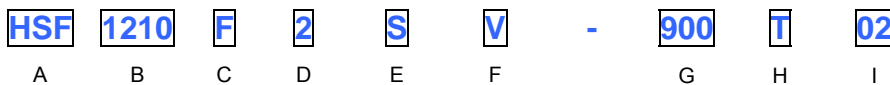


2. Dimension



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.

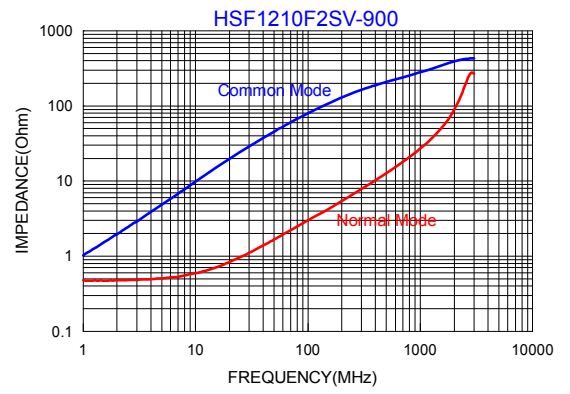
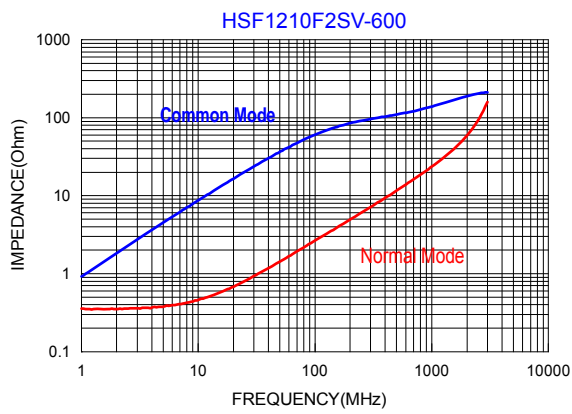
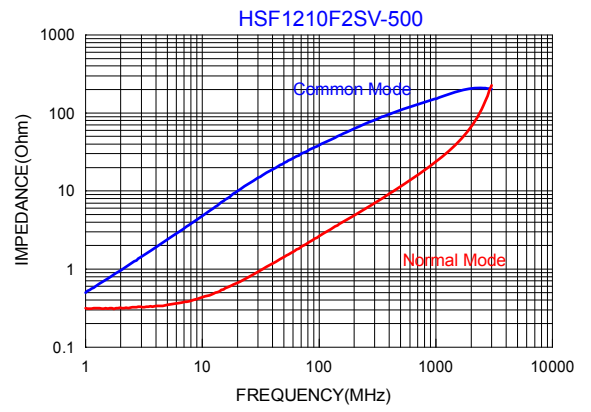
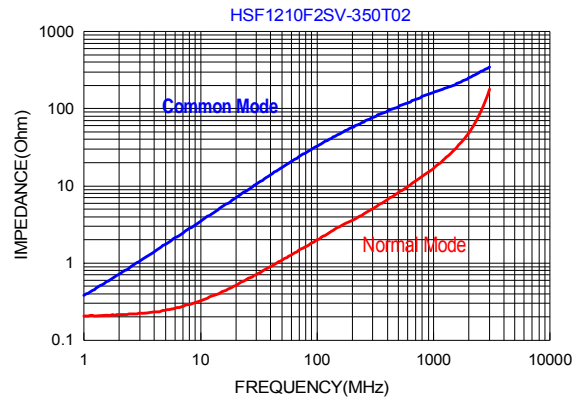
3. Part Numbering



- 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-220T04	22±25%	100	0.20	400	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

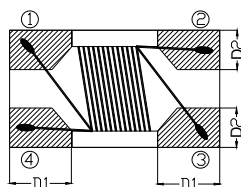
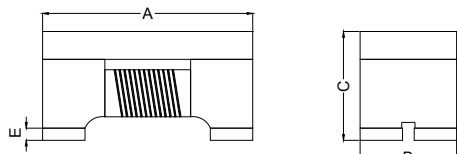


## 1. Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. HSF2012F2SV series realizes small size and low profile. 2.0x1.2x1.2 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200
5. Operating temperature-55~+125°C (Including self - temperature rise)



## 2. Dimension



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	E(mm)
2012F2SV	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

<b>HSF</b>	<b>2012</b>	<b>F</b>	<b>2</b>	<b>S</b>	<b>V</b>	-	<b>670</b>	<b>T</b>	<b>04</b>
A	B	C	D	E	F		G	H	I

A: Series	
B: Dimension	
C: Material	Ferrite Core
D: Number of Lines	2=2 lines
E: Type	S=Shielded , N=Unshielded
F: Category Code	V=Vehicle
G: Impedance	670=67Ω
H: Packaging	T=Taping and Reel
I: Rated Current	04=400mA

## 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.
HSF2012F2SV-500T04	50±25%	100	0.25	400	50	125	10M
HSF2012F2SV-670T04	67±25%	100	0.30	400	50	125	10M
HSF2012F2SV-900T04	90±25%	100	0.30	400	50	125	10M

