

# Wire Wound Type Common Mode Filter

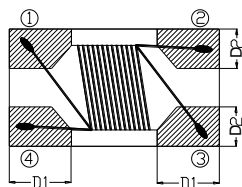
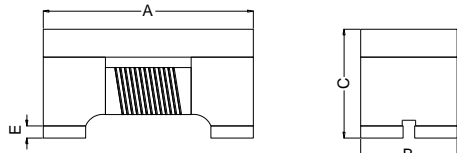
HSF2012F2SF-SERIES

## 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. Operating temperature -40~+125°C (Including self - temperature rise)

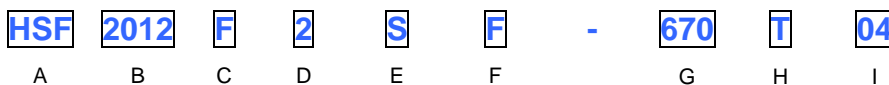


## 2. Dimension



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

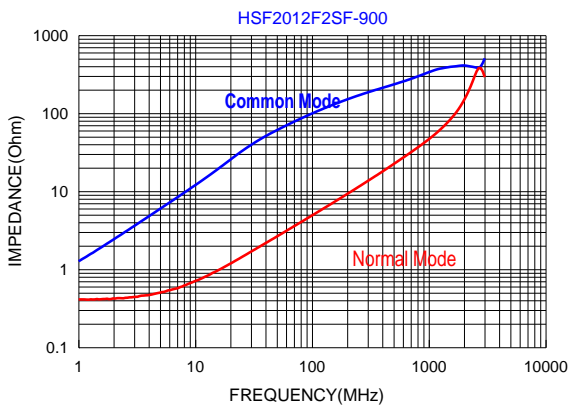
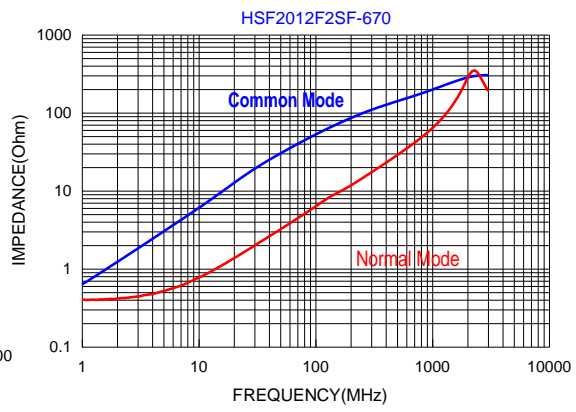
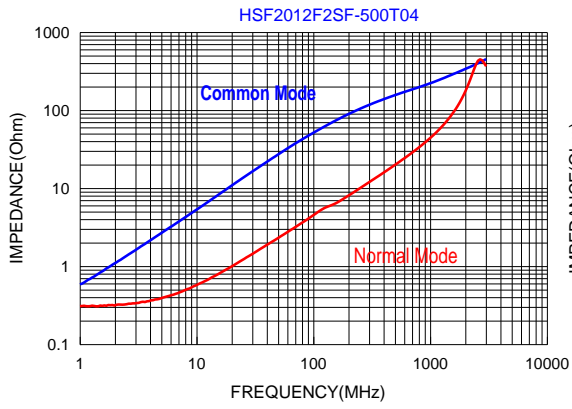
## 3. Part Numbering



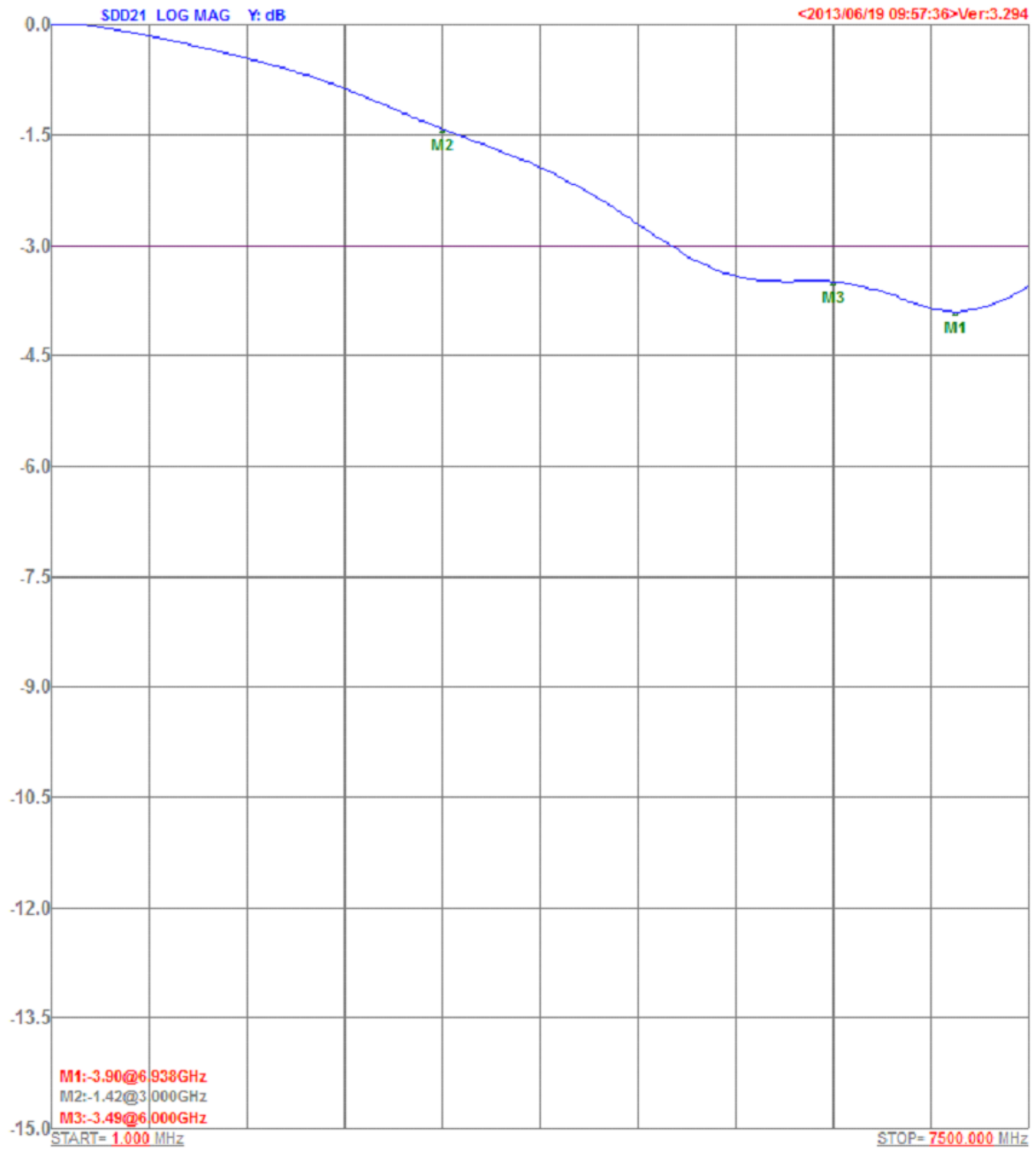
- A: Series
- B: Dimension
- C: Material                      Ferrite Core
- D: Number of Lines            2=2 lines
- E: Type                            S=Shielded , N=Unshielded
- F: Lead free
- G: Impedance                    670=67Ω
- H: Packaging                      T=Taping and Reel
- I: Rated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

## 4. Specification

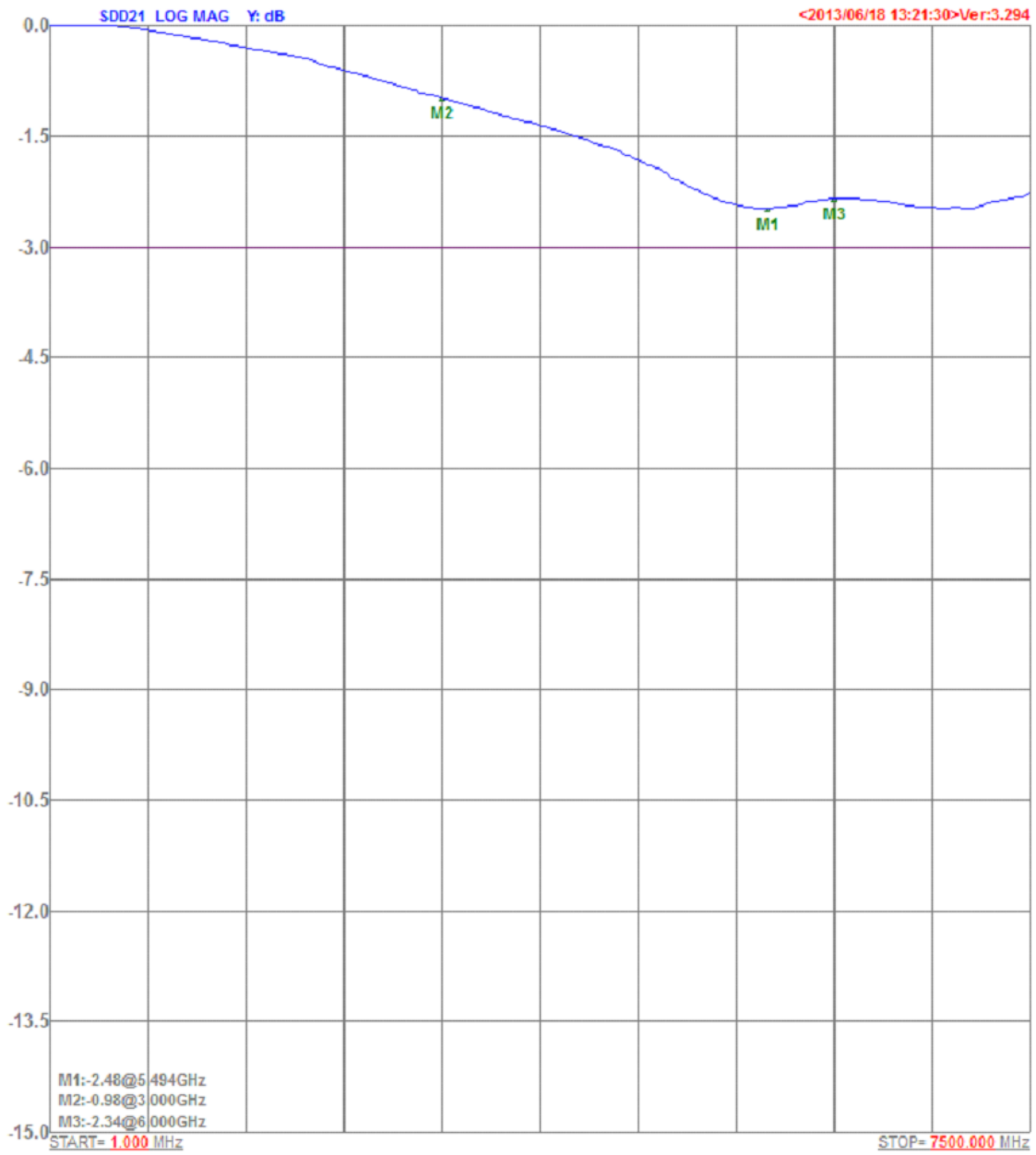
TAI-TECH Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA)	Rated Volt. (Vdc)	Withstand Volt. (Vdc)	IR (Ω) min.
HSF2012F2SF-500T04	50±25%	100	0.25	400	50	125	10M
HSF2012F2SF-670T04	67±25%	100	0.30	400	50	125	10M
HSF2012F2SF-900T04	90±25%	100	0.30	400	50	125	10M



### Insertion Loss Test(HSF2012F2SF-500T04)



### Insertion Loss Test(HSF2012F2SF-670T04)



### Insertion Loss Test(HSF2012F2SF-900T04)

