

Wire Wound Type Common Mode Filter

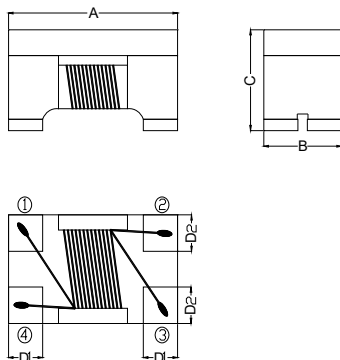
WCM4532F2SF-SERIES-HI

1. Features

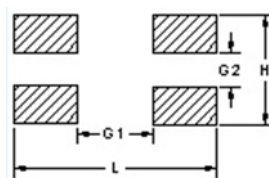
1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. WCM4532F2SF series realizes small size and low profile. 4.5x3.2x2.8 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+125°C (Including self - temperature rise)



2. Dimension



Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	L(mm)	H(mm)	G1(mm)	G2(mm)
4532F2SF	4.5±0.2	3.2±0.2	2.8±0.2	0.90±0.15	1.05±0.15	5.0	3.6	3.0	1.2

Units: mm

3. Part Numbering

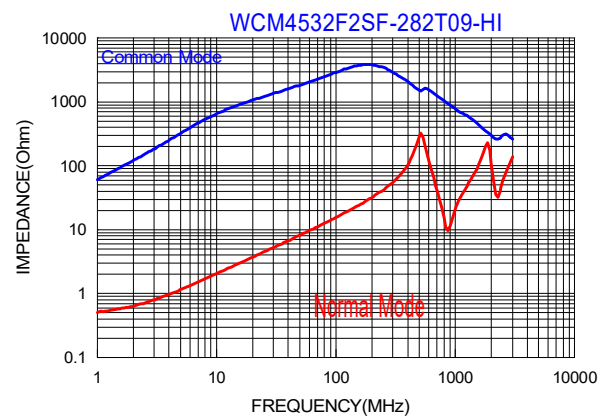
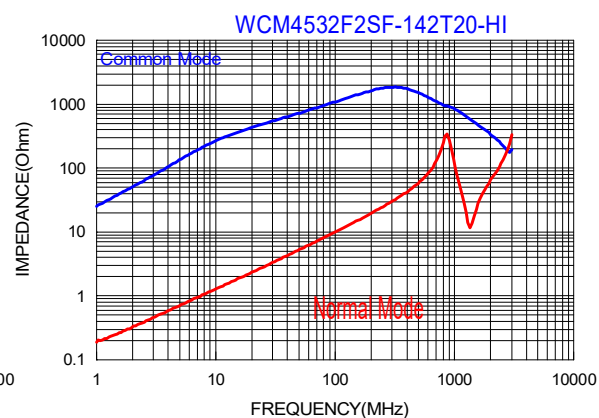
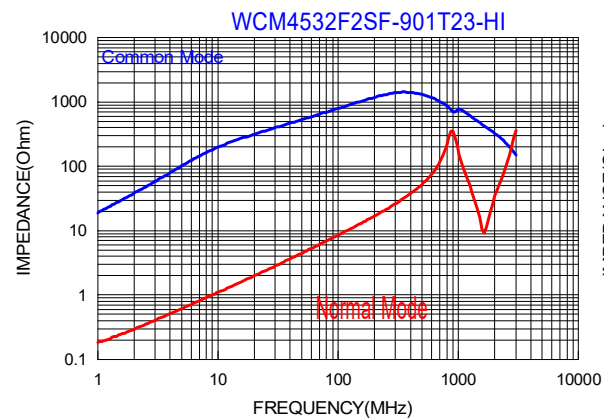
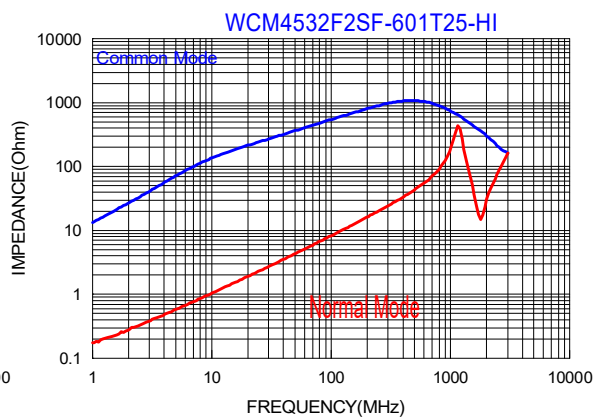
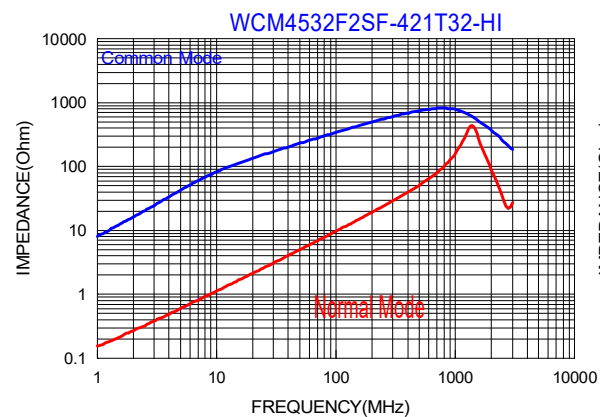
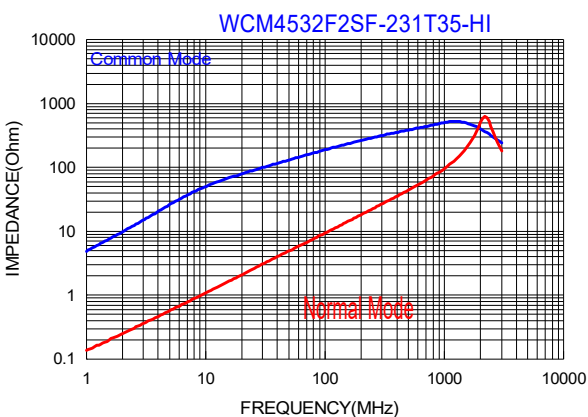
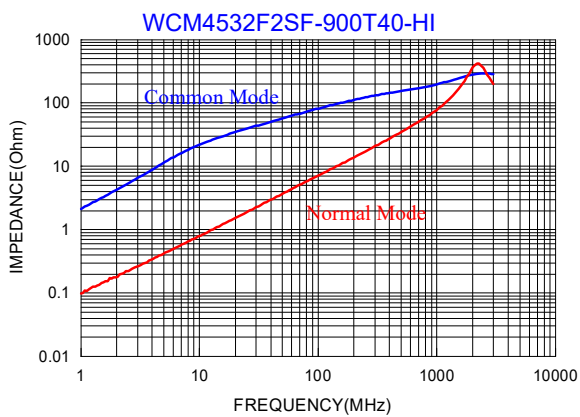


- A: Series
 B: Dimension
 C: Material Ferrite Core
 D: Number of Lines 2=2 lines
 E: Type S=Shielded , N=Unshielded
 F: Lead free
 G: Impedance 142=1400Ω
 H: Packaging T=Taping and Reel
 I: Rated Current 20=2000mA
 J : Control S/N

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.	IR (Ω) min.
	min	typ.						
WCM4532F2SF-900T40-HI	68 min	90 typ.	100	0.050	4000	50	125	10M
WCM4532F2SF-231T35-HI	173 min	230 typ.	100	0.050	3500	50	125	10M
WCM4532F2SF-421T32-HI	300 min	420 typ.	100	0.055	3200	50	125	10M
WCM4532F2SF-601T25-HI	450 min	600 typ.	100	0.060	2500	50	125	10M
WCM4532F2SF-901T23-HI	650 min	900 typ.	100	0.070	2300	50	125	10M
WCM4532F2SF-142T20-HI	1000 min.	1400 typ.	100	0.100	2000	50	125	10M
WCM4532F2SF-282T09-HI	2100 min	2800 typ.	100	0.350	900	50	125	10M

Note: When current is applied , the temperature of the part should not exceed 125°C



5. Schematic Diagram

