

Wire Wound Type Common Mode Filter

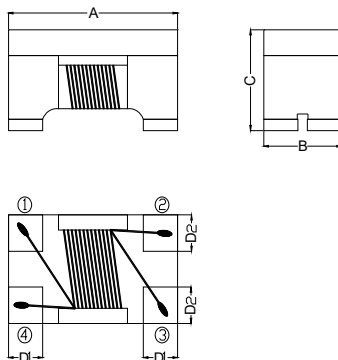
WCM4532F2SF-SERIES

1. Features

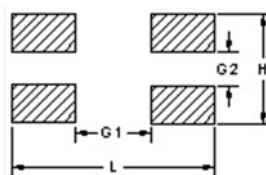
1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. WCM4532F2SF series realizes small size and low profile. 4.5x3.2x2.8 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+125℃ (Including self - temperature rise)



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	1.0±0.1	1.2±0.1	4.8	3.8	2.5	0.7

Units: mm

3. Part Numbering

WCM	4532	F	2	S	F	-	900	T	30
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: Lead free

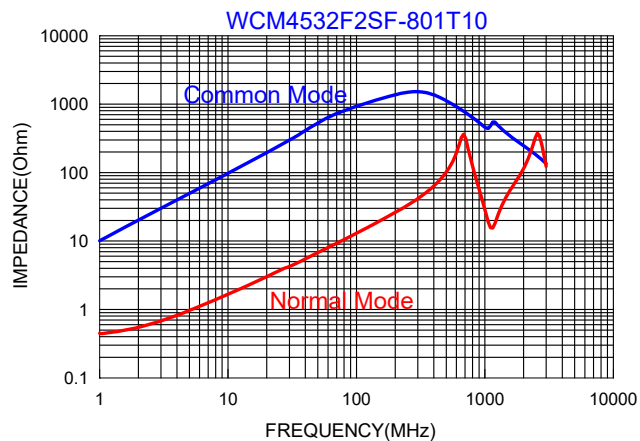
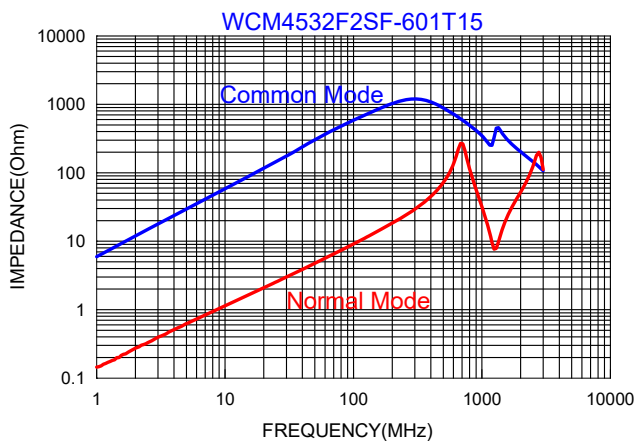
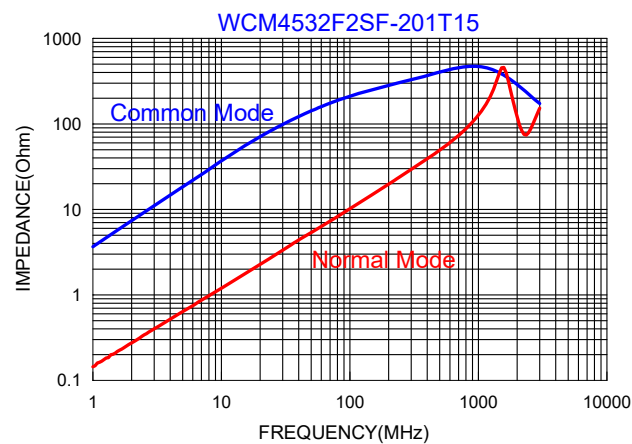
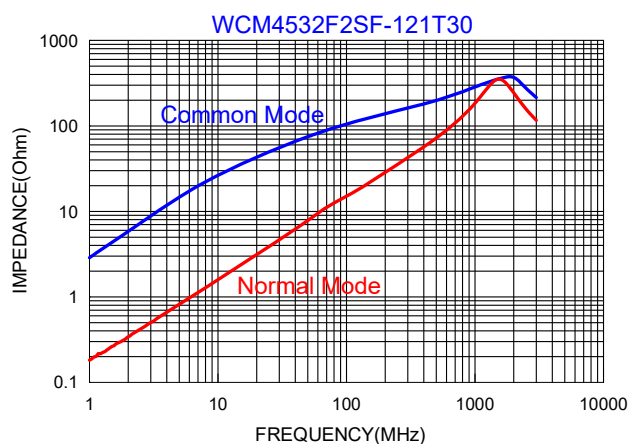
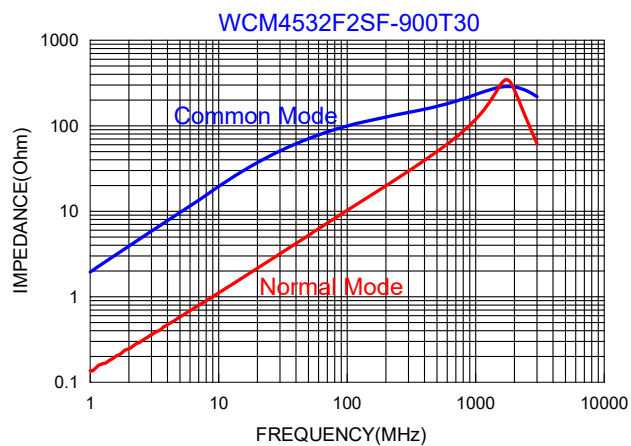
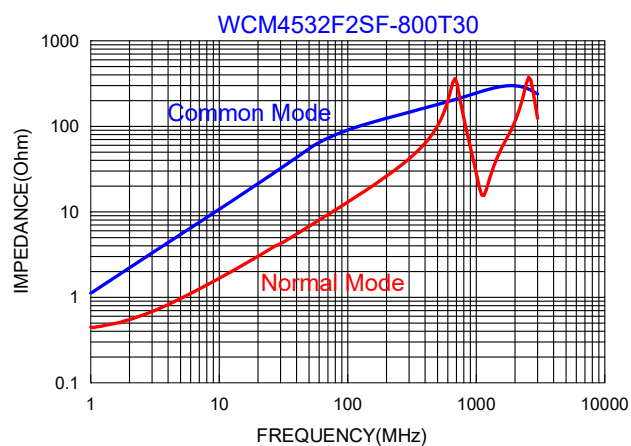
G: Impedance 900=90Ω

H: Packaging T=Taping and Reel

I: Rated Current 30=3000mA

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.
WCM4532F2SF-800T30	80±25%	100	0.05	3000	50	125	10M
WCM4532F2SF-900T30	90±25%	100	0.05	3000	50	125	10M
WCM4532F2SF-121T30	120±25%	100	0.05	3000	50	125	10M
WCM4532F2SF-201T15	200±25%	100	0.10	1500	50	125	10M
WCM4532F2SF-601T15	600±25%	100	0.24	1500	50	125	10M
WCM4532F2SF-801T10	800±25%	100	0.24	1000	50	125	10M



5. Schematic Diagram

