

# Wire Wound Type Common Mode Filter

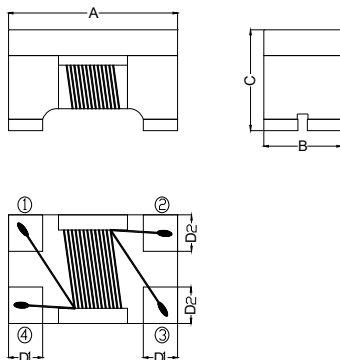
WCM4532F2SV-SERIES-HI

## 1. Features

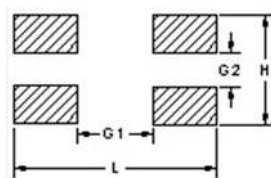
1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. WCM4532F2SV series realizes small size and low profile. 4.5x3.2x2.8 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. High reliability -Reliability tests comply with AEC-Q200
5. Operating temperature -55~+125°C (Including self - temperature rise)



## 2. Dimension



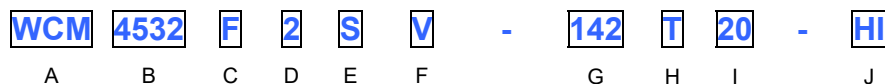
Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	L(mm)	H(mm)	G1(mm)	G2(mm)
4532F2SV	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

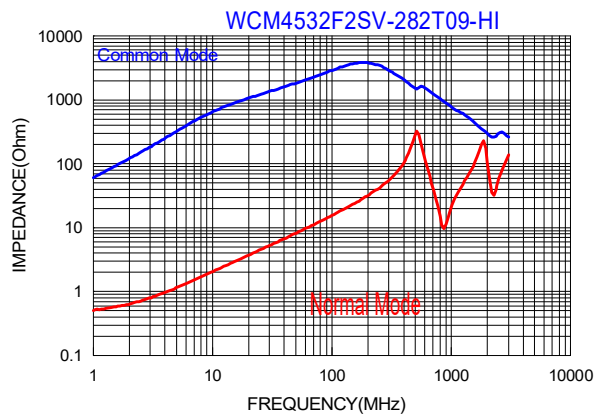
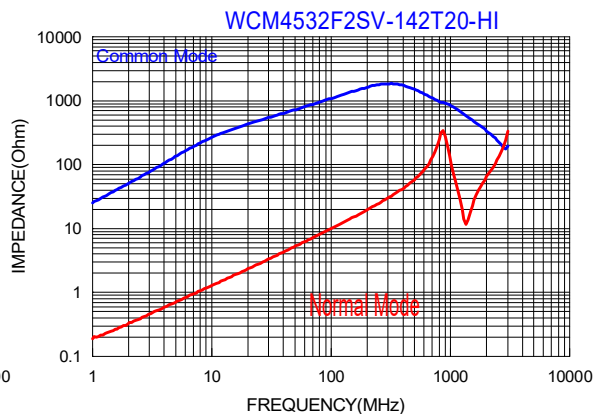
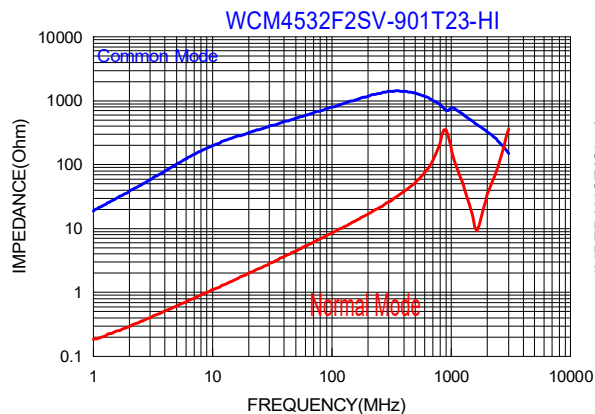
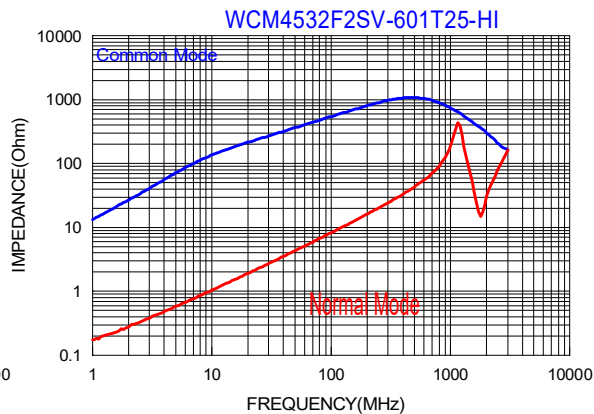
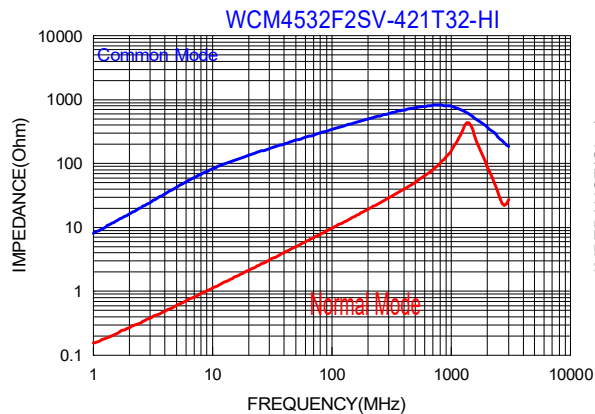
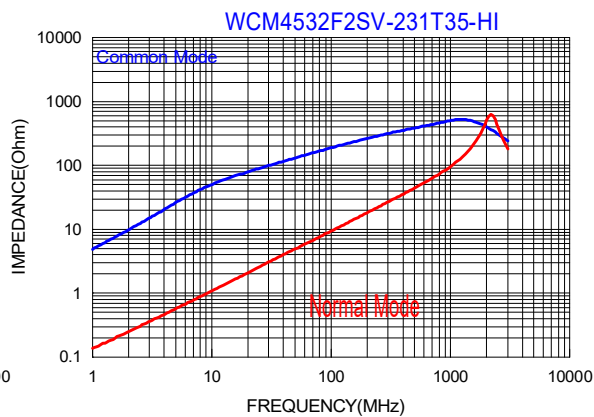
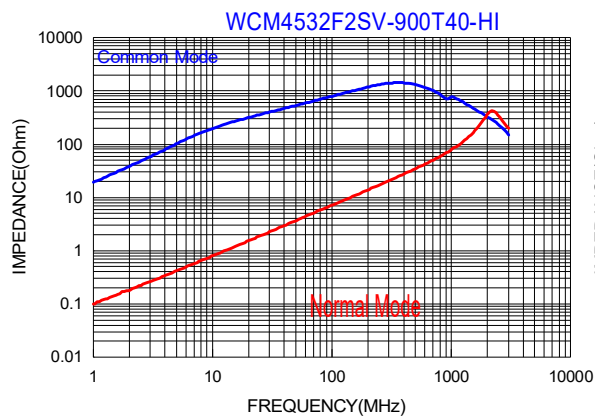


- A: Series  
 B: Dimension  
 C: Material Ferrite Core  
 D: Number of Lines 2=2 lines  
 E: Type S=Shielded , N=Unshielded  
 F: Category Code V=Vehicle  
 G: Impedance 142=1400Ω  
 H: Packaging T=Taping and Reel  
 I: Rated Current 20=2000mA  
 J : Control S/N

## 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.
WCM4532F2SV-900T40-HI	68 min	90 typ.	100	0.050	4000	50	125	10M
WCM4532F2SV-231T35-HI	173 min	230 typ.	100	0.050	3500	50	125	10M
WCM4532F2SV-421T32-HI	300 min	420 typ.	100	0.055	3200	50	125	10M
WCM4532F2SV-601T25-HI	450 min	600 typ.	100	0.060	2500	50	125	10M
WCM4532F2SV-901T23-HI	650 min	900 typ.	100	0.070	2300	50	125	10M
WCM4532F2SV-142T20-HI	1000 min.	1400 typ.	100	0.100	2000	50	125	10M
WCM4532F2SV-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

