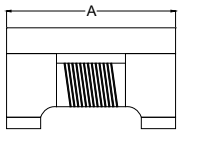
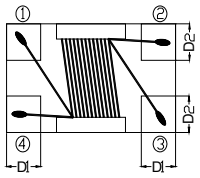
Wire Wound Type Common Mode Filter WCM4532F2SO-SERIES

1. Features

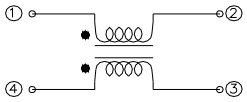
1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. WCM4532F2SO series realizes small size and low profile. 4.5x3.2x2.8 mm.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+125℃ (Including self - temperature rise)

2. Dimension



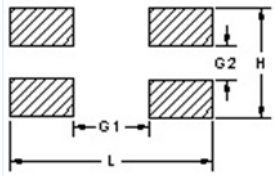


Bottom View



Schematic Diagram

Recommended PC Board Pattern



Series	A(mm)	B(mm)	C(mm)	D1(mm)	D2(mm)	L(mm)	H(mm)	G1(mm)	G2(mm)
4532F2SO	4.50±0.20	3.20±0.20	2.80±0.20	1.00±0.10	1.20±0.10	4.80	3.80	2.50	0.70

Units: mm

3. Part Numbering

WCM	4532	F	2	S	O	-	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: Category Code Industrial Grade
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)	DCR (Ω) max.	Rated Current (mA) max.	Rated Volt. (Vdc) max.	Withstand Volt. (Vdc) max.	Insulation Resistance (Ω) min.
WCM4532F2SO-800T30	80±25%	100	0.05	3000	50	125	10M
WCM4532F2SO-900T30	90±25%	100	0.05	3000	50	125	10M
WCM4532F2SO-121T30	120±25%	100	0.05	3000	50	125	10M
WCM4532F2SO-201T15	200±25%	100	0.10	1500	50	125	10M
WCM4532F2SO-601T15	600±25%	100	0.24	1500	50	125	10M
WCM4532F2SO-801T10	800±25%	100	0.24	1000	50	125	10M

Note:

- All test data referenced to 25℃ ambient.

