

Wire Wound Type Common Mode Filter

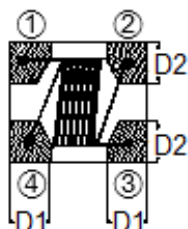
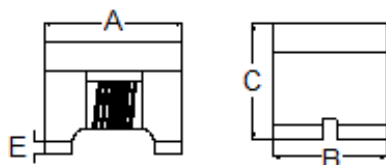
WCM1210F2SF-SERIES

1. Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. WCM1210F2SF series realizes small size and low profile. 1.2x1.0x0.9 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)
1210F2SF	1.2±0.2	1.0±0.2	0.9 max.	0.35±0.1	0.35±0.1	0.03 min.

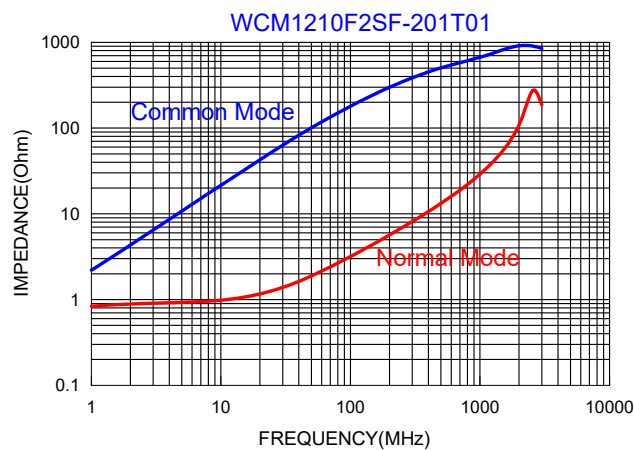
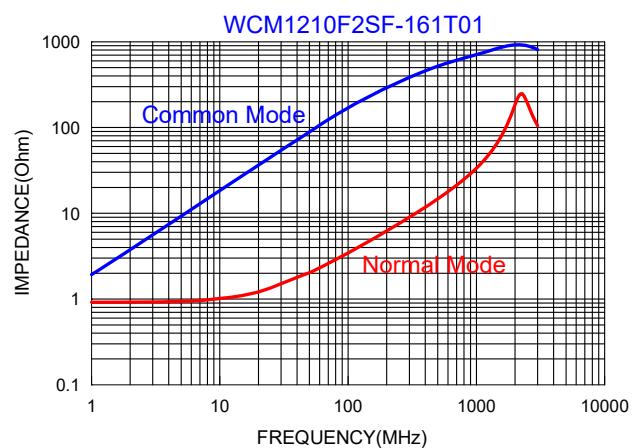
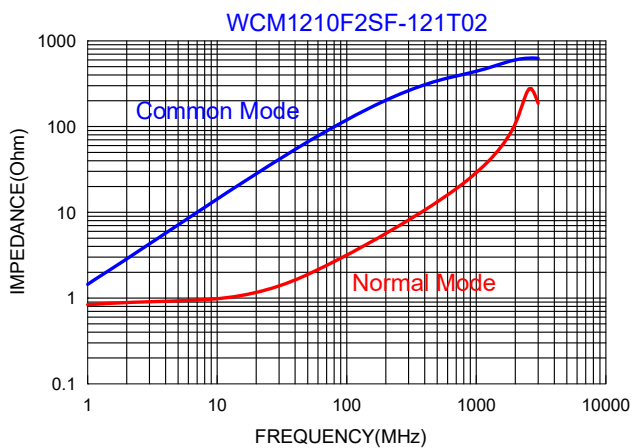
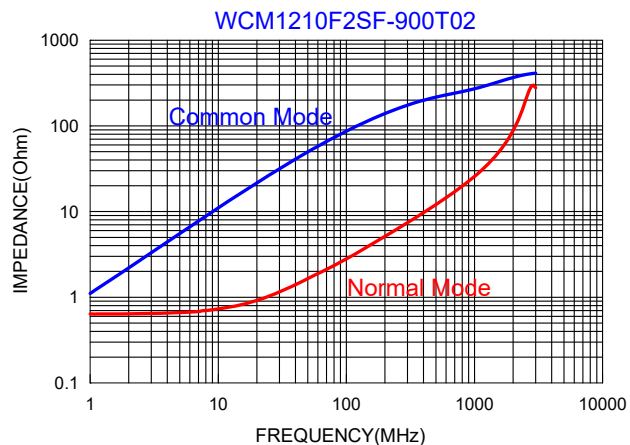
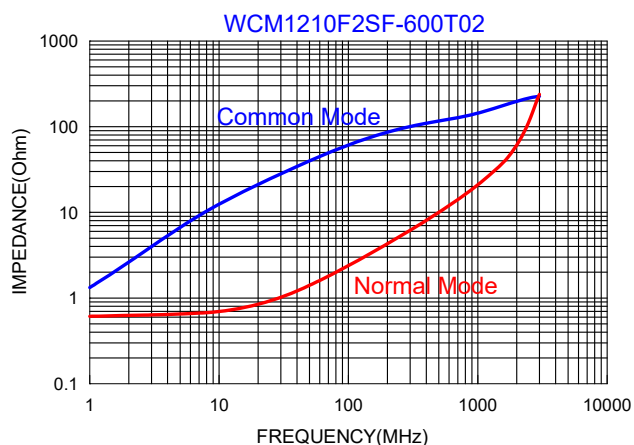
3. Part Numbering

WCM	1210	F	2	S	F	-	900	T	02
A	B	C	D	E	F		G	H	I

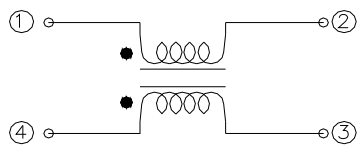
A: Series	
B: Dimension	
C: Material	Ferrite Core
D: Number of Lines	2=2 lines
E: Type	S=Shielded , N=Unshielded
F: Lead free	
G: Impedance	900=90Ω
H: Packaging	T=Taping and Reel
I: Rated Current	02=250mA

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.
WCM1210F2SF-600T02	60±25%	100	0.30	250	50	125	10M
WCM1210F2SF-900T02	90±25%	100	0.30	250	50	125	10M
WCM1210F2SF-121T02	120±25%	100	0.35	250	50	125	10M
WCM1210F2SF-161T01	160±25%	100	0.43	160	50	125	10M
WCM1210F2SF-201T01	200±25%	100	0.80	120	50	125	10M



5. Schematic Diagram



6. Recommended PC Board Pattern

	WCM1210F2S
L(mm)	1.55
H(mm)	1.10
G1(mm)	0.65
G2(mm)	0.30

