

Wire Wound Type Common Mode Filter

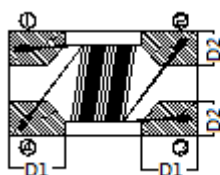
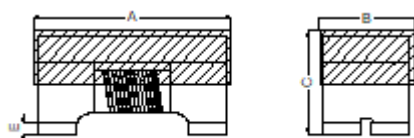
WCM1608F2SNF-SERIES

1. Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. WCM1608F2SNF series realizes small size and low profile. 1.6x0.8x1.1 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)
1608F2SNF	1.60±0.15	0.85±0.15	1.10±0.15	0.30Typ.	0.30Typ.	0.03 min.

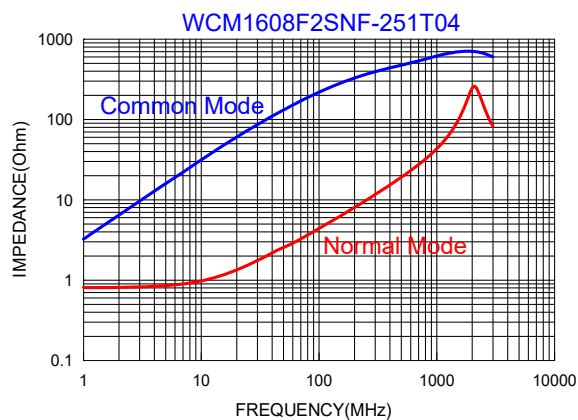
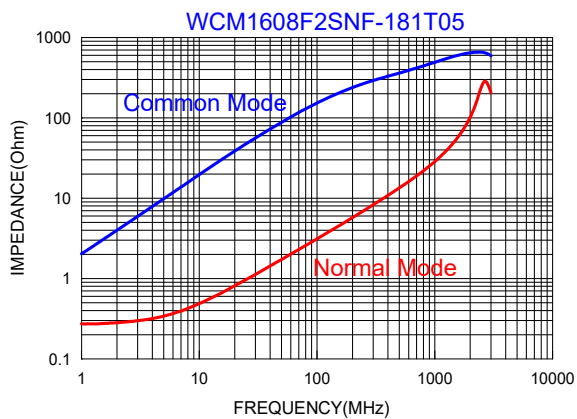
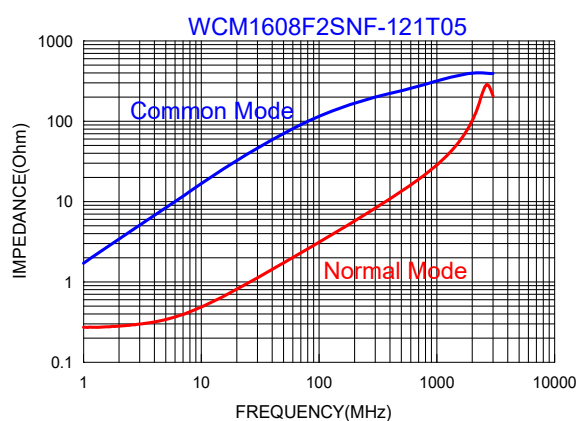
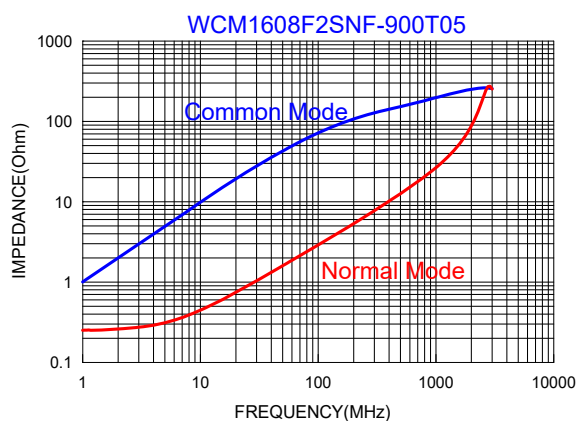
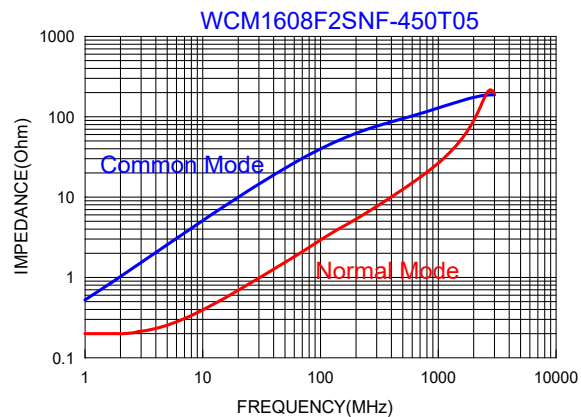
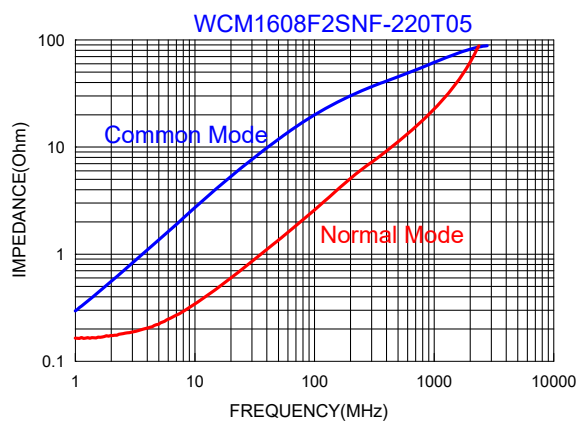
3. Part Numbering

WCM	1608	F	2	SN	F	-	900	T	05
A	B	C	D	E	F		G	H	I

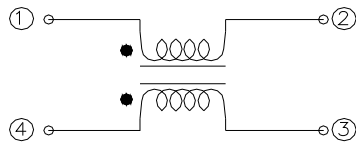
A: Series	
B: Dimension	
C: Material	Ferrite Core
D: Number of Lines	2=2 lines
E: Type	S=Shielded , N=Unshielded
F: Lead free	
G: Impedance	900=90Ω
H: Packaging	T=Taping and Reel
I: Rated Current	05=550mA

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.
WCM1608F2SNF-220T05	22±25%	100	0.080	500	50	125	10M
WCM1608F2SNF-450T05	45±25%	100	0.110	500	50	125	10M
WCM1608F2SNF-900T05	90±25%	100	0.145	550	50	125	10M
WCM1608F2SNF-121T05	120±25%	100	0.175	500	50	125	10M
WCM1608F2SNF-181T05	180±25%	100	0.210	500	50	125	10M
WCM1608F2SNF-251T04	250±25%	100	0.280	400	50	125	10M



5. Schematic Diagram



6. Recommended PC Board Pattern

	WCM1608F2SN
L(mm)	2.10
H(mm)	1.00
G1(mm)	0.70
G2(mm)	0.30

