

Wire Wound Type Common Mode Filter

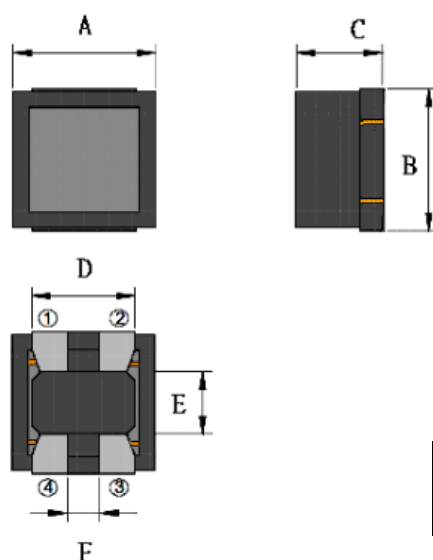
WCM5025F2SF-SERIES

1. Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. WCM5025F2SF series realizes small size and low profile.
3. 100% Lead(Pb) & Halogen-Free and RoHS compliant.
4. Operating temperature-40~+125°C(Including self - temperature rise)



2. Dimension



Recommended PC Board Pattern

Series	L(mm)	H(mm)	G1(mm)	G2(mm)
WCM5025F2SF	5.5 ref.	4.4 ref.	2.0 ref.	0.9 ref.

Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)
WCM5025F2SF	4.8±0.3	5.0±0.3	2.50 Max.	3.5 typ.	2.2 typ.	1.1 typ

Units: mm

3. Part Numbering

WCM	5025	F	2	S	F	-	251	T	50
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

F: Lead free

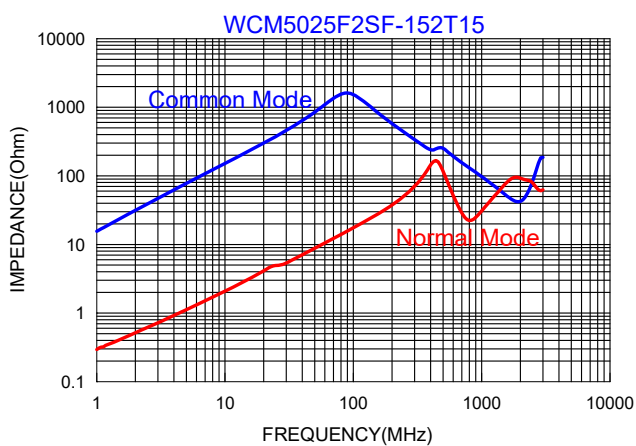
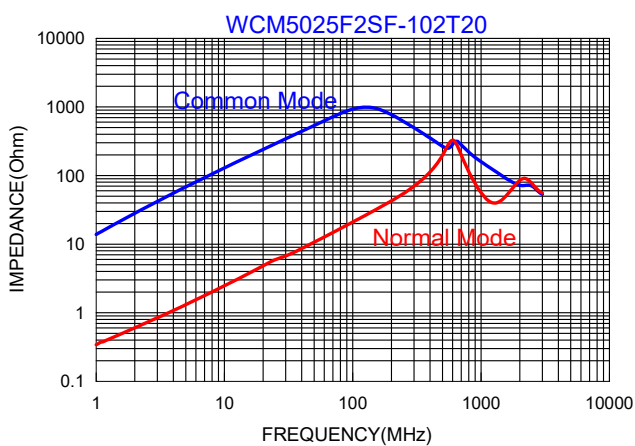
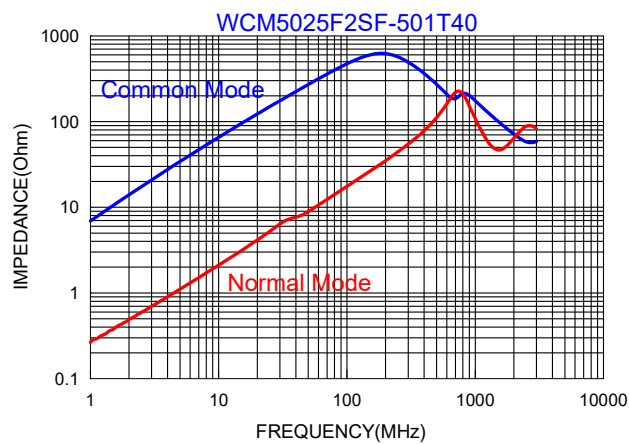
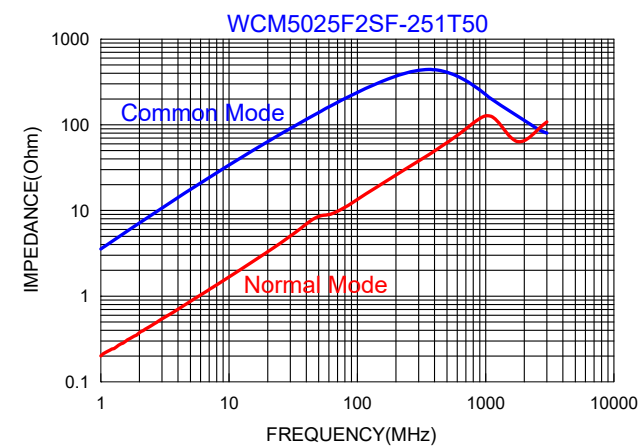
G: Impedance 251=250Ω

H: Packaging T=Taping and Reel

I: Rated Current 50=5000mA

4. Specification

TAI-TECH Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω)±40%	Rated Current (mA) Max.	Rated Volt. (Vdc)	IR (MΩ) min.
WCM5025F2SF-251T50	250(typ.)	100	0.014	5000	50	10
WCM5025F2SF-501T40	500(typ.)	100	0.019	4000	50	10
WCM5025F2SF-102T20	1000(typ.)	100	0.024	2000	50	10
WCM5025F2SF-152T15	1500(typ.)	100	0.040	1500	50	10



5. Schematic Diagram

