



Wire Wound Type Common Mode Filter

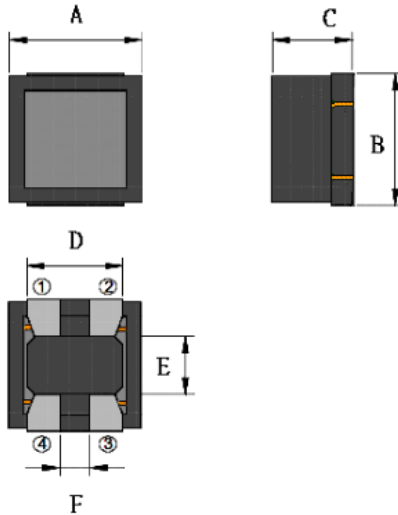
GWCM5025F2SF-SERIES

1. Features

1. High common mode impedance at high frequency cause excellent noise suppression performance.
2. GWCM5025F2SF 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)



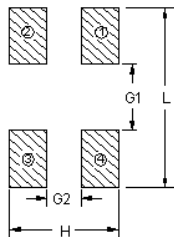
2. Dimension



Series	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)
GWCM5025F2SF	4.8±0.3	5.0±0.3	2.50 Max.	3.5 typ.	2.2 typ.	1.1 typ

Units: mm

Recommended PC Board Pattern



Series	L(mm)	H(mm)	G1(mm)	G2(mm)
GWCM5025F2SF	5.5 ref.	4.4 ref.	2.0 ref.	0.9 ref.

3. Part Numbering

GWCM	5025	F	2	S	F	-	251	T	50
A	B	C	D	E	F		G	H	I

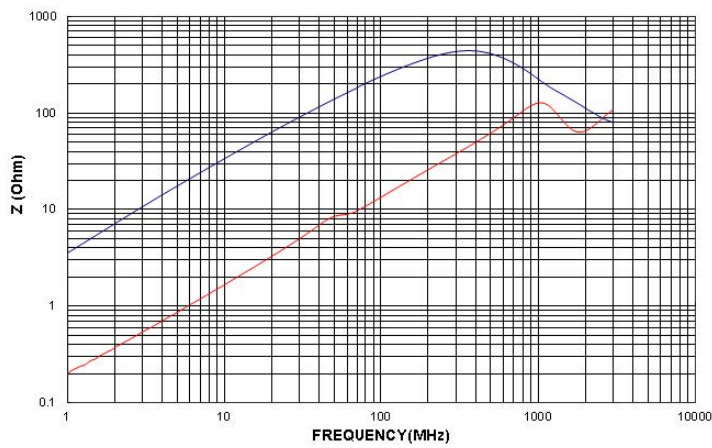
- A: Series
 B: Dimension
 C: Material Ferrite Core
 D: Number of Lines 2=2 lines
 E: Type S=Shielded
 F: Lead free
 G: Impedance $Z_{1=250\Omega}$
 H: Packaging T=Taping and
 I: Rated Current Reel 50=5000mA

4. Specification

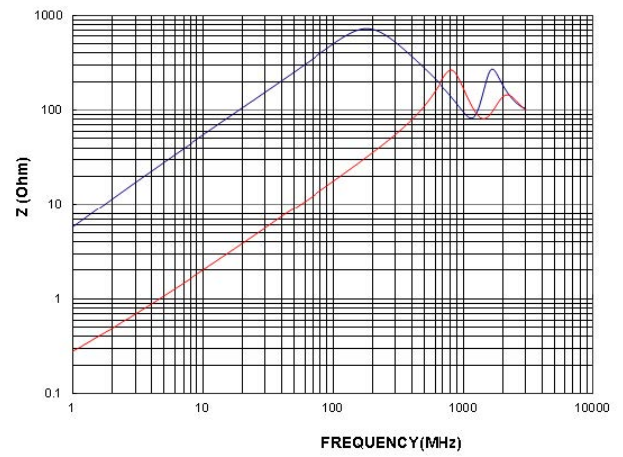
Part Number	Common mode Impedance (Ω)	Test Frequency (MHz)	DC Resistance (Ω) $\pm 40\%$	Rated Current (mA) Max.	Rated Volt. (Vdc)	IR (M Ω) min.
GWCM5025F2SF-251T50	250(typ.)	100	0.014	5000	50	10
GWCM5025F2SF-501T40	500(typ.)	100	0.019	4000	50	10
GWCM5025F2SF-102T20	1000(typ.)	100	0.024	2000	50	10
GWCM5025F2SF-152T15	1500(typ.)	100	0.040	1500	50	10



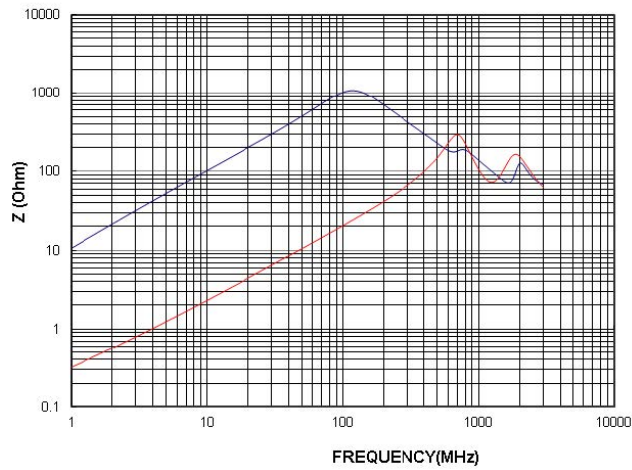
GWCM5025F2SF-251T50



GWCM5025F2SF-501T40



GWCM5025F2SF-102T20



GWCM5025F2SF-152T15

