



Wire Wound Type Common Mode Filter

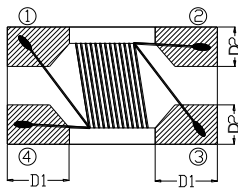
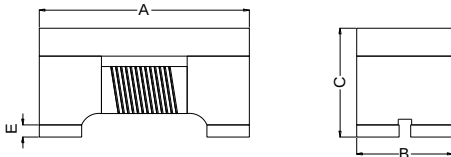
GDMI2012F2SF-SERIES

1. Features

1. High common mode impedance at high frequency effects excellent noise suppression performance.
2. GDMI2012F2SF series realizes small size and low profile. 2.0x1.2x1.2 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)
2012F2SF	2.0±0.2	1.2±0.2	1.2±0.2	0.50±0.1	0.51±0.1	0.15±0.1

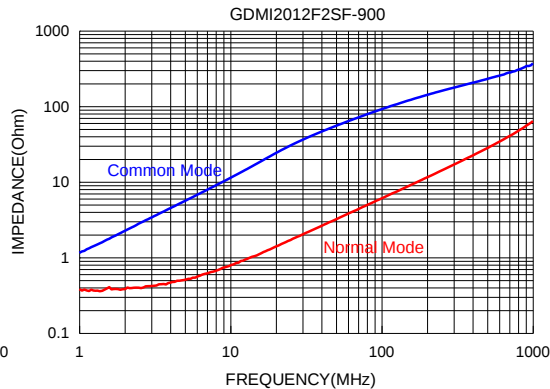
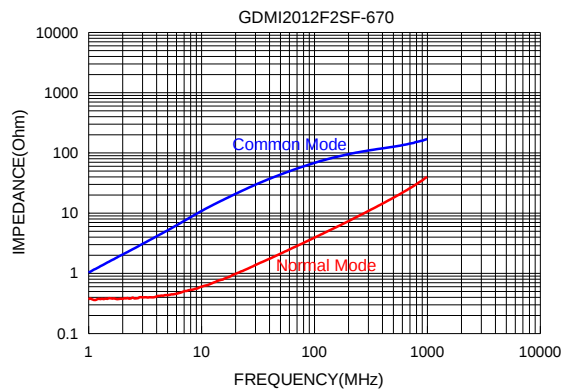
3. Part Numbering

GDMI	2012	F	2	S	F	-	670	T	04
A	B	C	D	E	F		G	H	I

- A: Series
 B: Dimension
 C: Material Ferrite
 D: Number of Lines 2=2 lines
 E: Type S=One Circuit Type , N=Unshielded
 F: Lead free
 G: Impedance 670=67Ω
 H: Packaging T=Taping and Reel,
 I: Rated Current B=Bulk 04=400mA

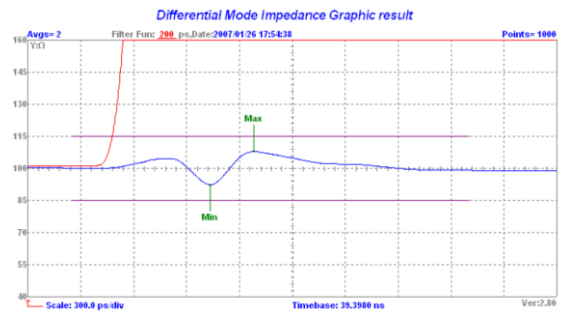
4. Specification

Part Number	Common mode Impedance (Ω)		Test Frequency (MHz)	DC Resistance (Ω) max.	Rated Current (mA)	Rated Volt. (Vdc)	Withstand Volt. (Vdc)	IR (Ω) min.
GDMI2012F2SF-670T04	67 typ.	50 min.	100	0.30	400	50	125	10M
GDMI2012F2SF-900T04	90 typ.	65 min.	100	0.30	400	50	125	10M

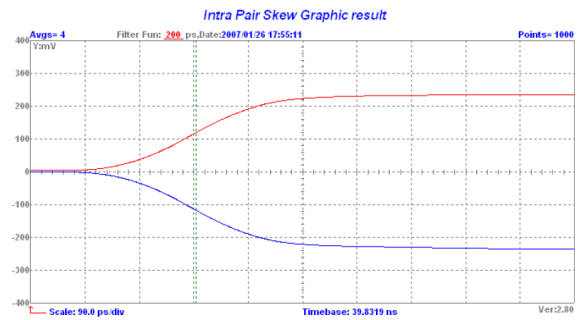




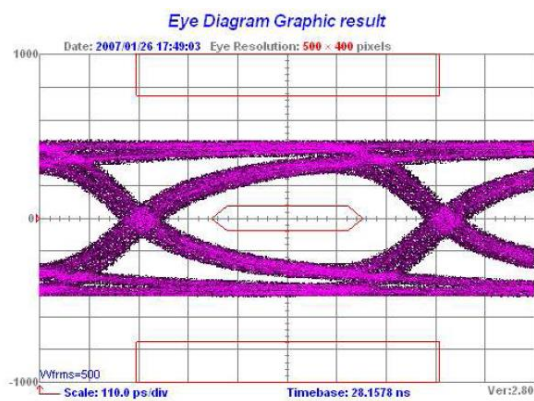
TDR TEST



Intra Pair Skew Test



Eye Diagram Graphic Test



Insertion Loss Test

