Data Sheet

- ITEM : COMMON MODE FILTER
- PART NO : ICMF112P350MFR

购买原装正品请认准-德方电子
免费服务热线: 400-655-8700
深圳总部电话: 0755-28187877
网址: www.denovocn.com

1. GENERALS

- This specification covers the engineering requirements for the ICMF112P350M (Common Mode Filter)

2. FEATURES

- Effective for suppressing common mode noise and almost no effect for high speed differential data line
- Ultra low profile (1.2 x 1.0 x 0.6mm)
- Ceramic multilayer type SMD component
- Non-polarized product
- It is a product conforming to RoHS directive.

3. APPLICATIONS

- LVDS lines in notebook computers
- USB3.0, IEEE1394, DVI, HDMI lines in PDP, LCD TV, DVD Player, PC, Audio player, DSC
- MDDI, MIPI in mobile phone

4. PRODUCT SPECIFICATIONS

4. 1 PART NUMBER CODE

ICMF	11	2P	350	M
①	②	③	④	⑤

① Series name of ICT's Common Mode Filter
② Dimensions, 1.25mm (L) x 1.0mm (W)
③ The Number of lines, 2P = 2 lines
④ Common Mode Impedance (at 100MHz), 350= 35Ω
⑤Tolerance of common mode impedance, M= ±25%

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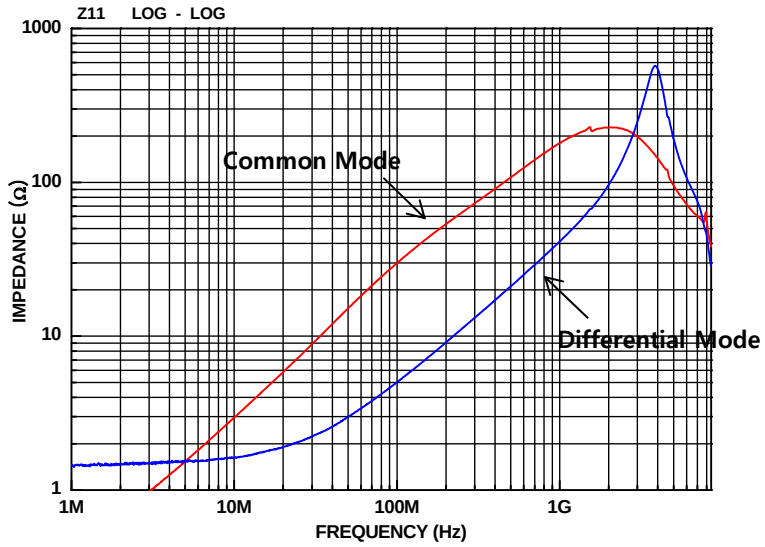
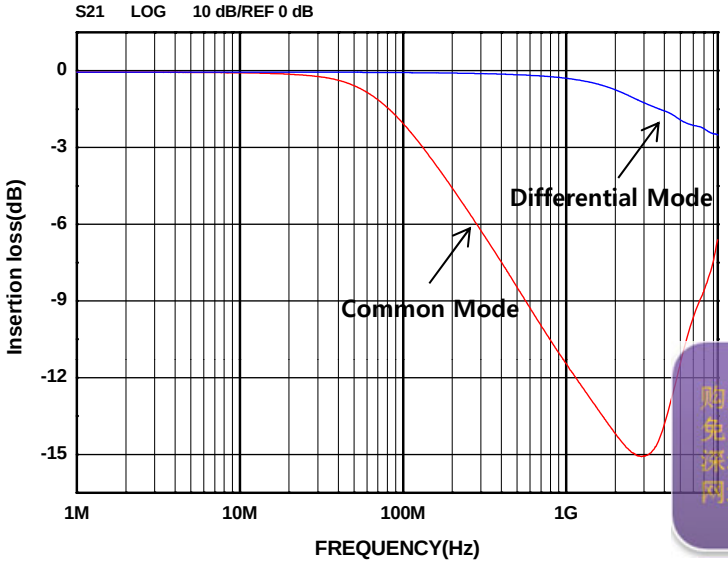
4. 2 SPECIFICATION OF ELECTRICAL CHARACTERISTICS

Characteristics	Common Mode Impedance	Resistance	Insulation Resistance	Rated Current
symbol	Z_{CM}	R_{DC}	IR_{CR}	I_R
Units	Ω	Ω	MΩ	mA
Test Condition	@100MHz	25℃±2℃	10V	25℃±2℃
Value	35(±25%)	Max 4.0	Max 10	Max 100

- Impedance Curves



- Transmission characteristics (S-parameter)



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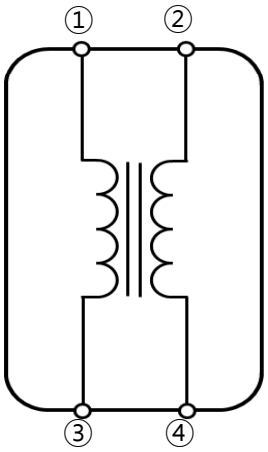
4. 3 OPERATING TEMPERATURE

DESCRIPTION	REQUIREMENTS
Operating Temperature	-40℃ ~ + 85℃

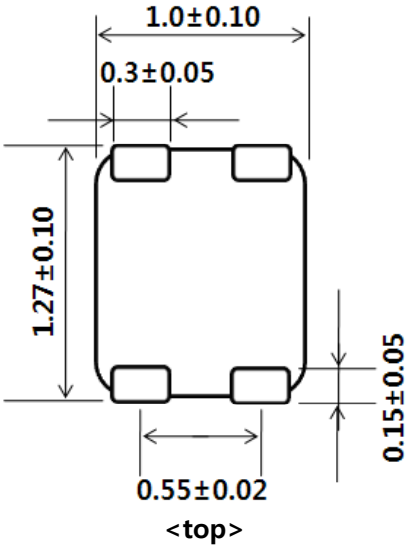
5. EQUIVALENT CIRCUIT

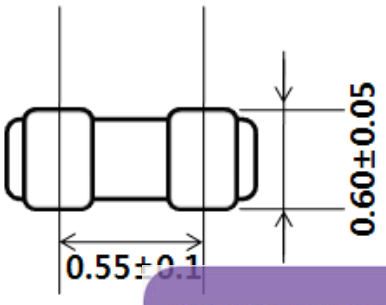


PIN NUMBER	DESCRIPTION
①~④	DATA LINE

6. MECHANICAL PROPERTY

6. 1 Appearance and Dimension





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Unit : mm