

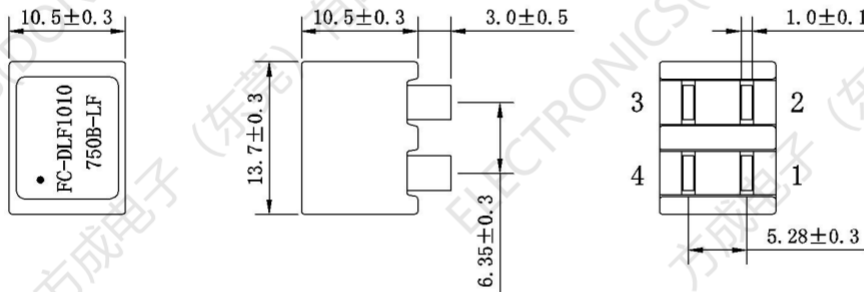
Common Mode Power Line Choke

FC-DLF1010-750B-LF

1. Suitable for common noise reduction of DC Line.
适用于直流输出线路 EMI
2. Common mode noise filter for broadband transmission or communication equipment
2. 宽频传输或通信设备的共模噪声滤波器。



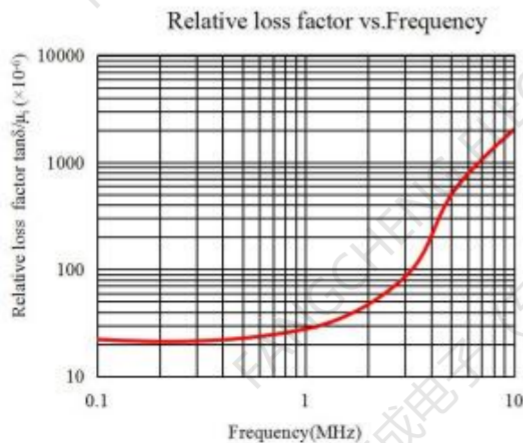
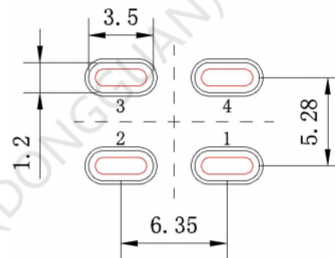
1. Dimensions:mm



2. Schematic:



3. LAYOUT RECOMMENDATION



Initial permeability	μ_i	25°C	350±20%
Saturation magnetic flux density	B_s (mT)	25°C	460
Relative loss factor 100kHz	$\tan\delta/\mu_i$ ($\times 10^{-6}$)	25°C	≤ 35
Relative temperature coefficient	$\alpha_{\mu ir}$ ($\times 10^{-6}/^\circ\text{C}$)	20~60°C	25
Curie temperature	T_c (°C)		>260
Electrical resistivity	ρ ($\Omega\cdot\text{m}$)		10^6
Density	d (kg/m^3)		5.2×10^3

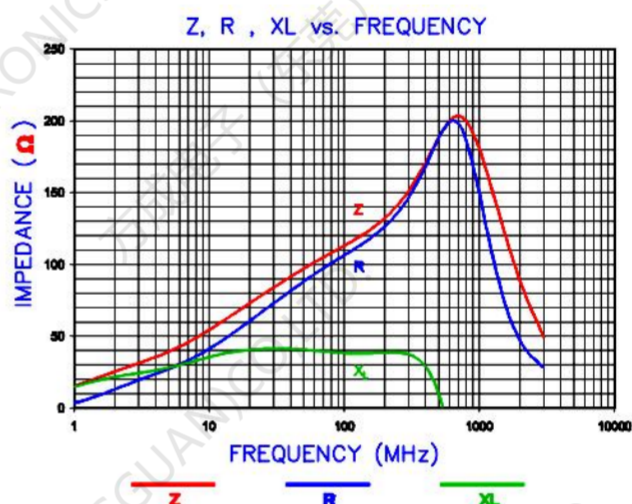
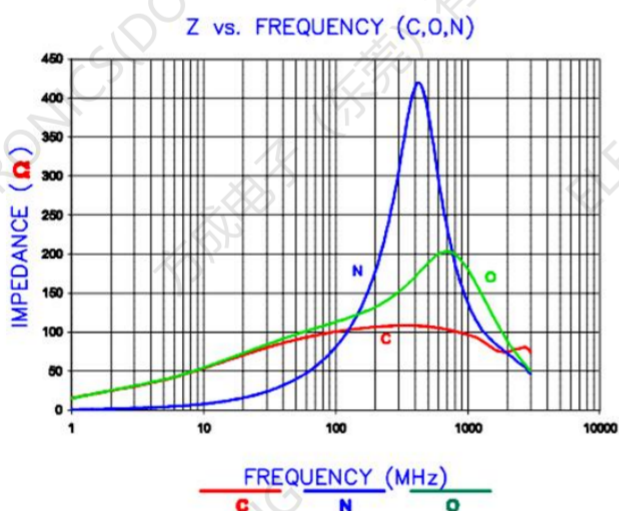
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4. ELECTRIC CHARACTERICS

Part Number	Inductance L:uH(typ)	Impedance 100MHZ(Ω)	RDC (m Ω) @ 20°C	Current Rating (A)	Insulation test voltage(DCV)
FC-DLF1010-750B-LF	1.5	75min-200typ	0.3	75.0	2250V

Electrical Specifications @ 25°C — Operating Temperature -40°C to +125°C.

5. Impedance characteristics:



Application

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