

CME-SCF1210U-SERIES

Common mode filter for USB3.0

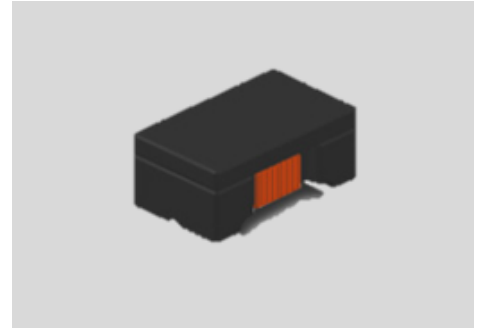


Features

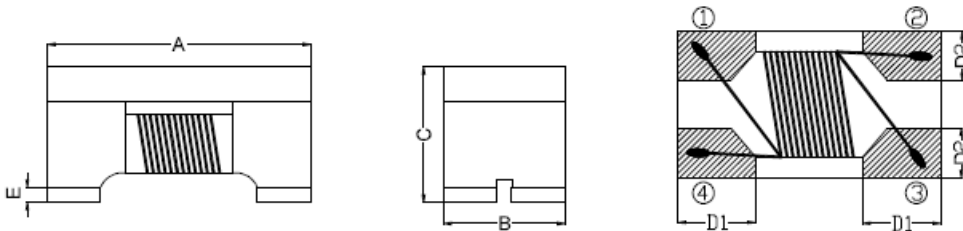
- ▶ High common mode impedance at high frequency effects excellent noise suppression performance.
- ▶ SCF1210U series realizes small size and low profile. 1.2x1.0x0.9 mm.
- ▶ 100% Lead(Pb) & Halogen-Free and RoHS compliant.
- ▶ Excellent for USB3.0

Applications

- ▶ Common mode noise suppression of signal lines in high speed and high density digital equipment such as personal computers and peripherals.

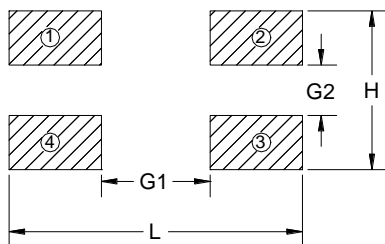


Dimension (Unit:mm)



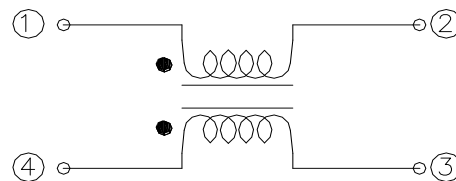
A	B	C	D1	D2	E
1.2±0.2	1.0±0.2	0.9Max	0.35±0.1	0.35±0.1	0.03Min

Recommended Land Pattern



L	H	G1	G2
1.55	1.10	0.65	0.30

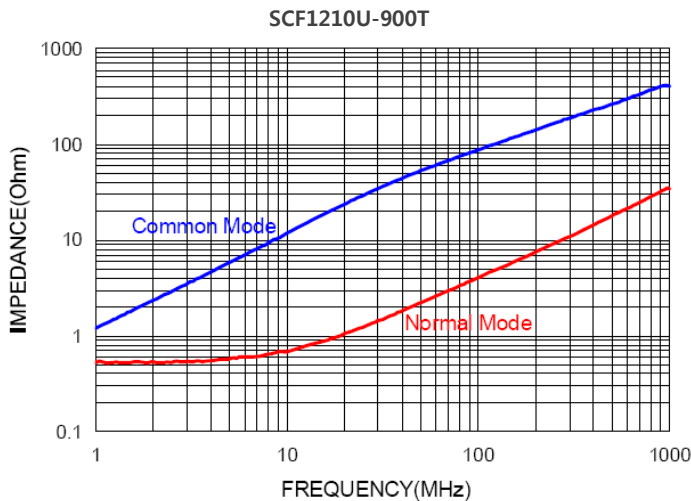
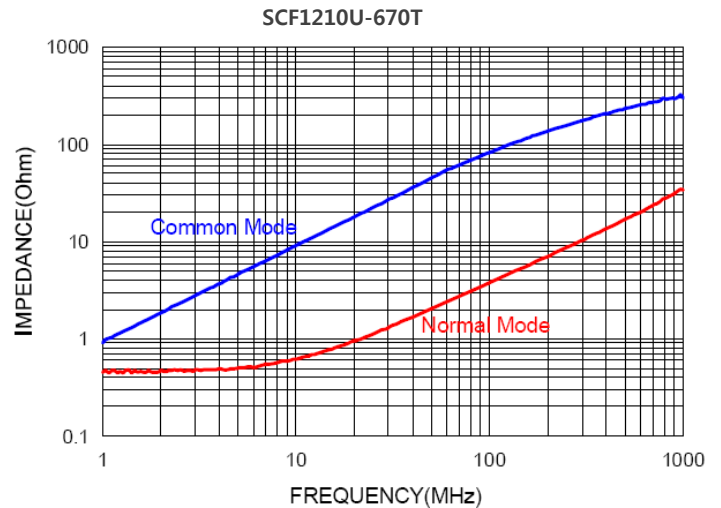
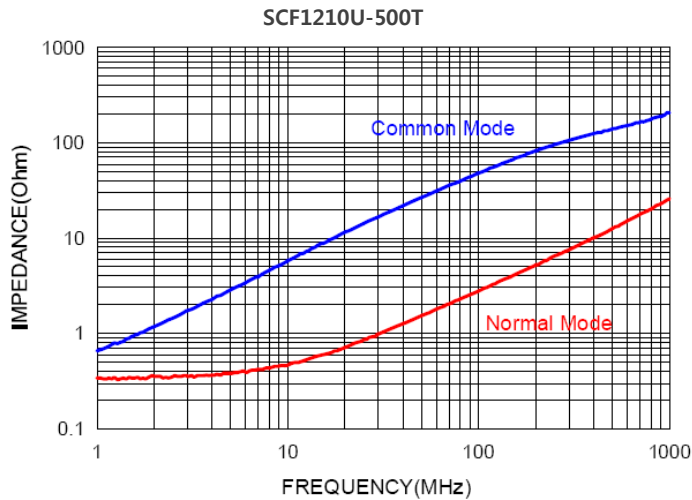
Schematic Diagram



Specifications

Part Number	Impedance (Ohm)	DCR (Ohm) Max	Rated Current (mA) Max	Rated Volt. (Vdc)Max	Withstand Volt. (Vdc)Max.	Test Frequency (MHz)	IR (ohm) Min
CME-SCF1210U-500T25	50±25%	0.30	250	50	125	100	10M
CME-SCF1210U-670T25	67±25%	0.30	250	50	125	100	10M
CME-SCF1210U-900T20	90±25%	0.40	200	50	125	100	10M

Electrical Characteristics



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