

# CME-SCF2012U-SERIES

Common mode filter for USB3.0

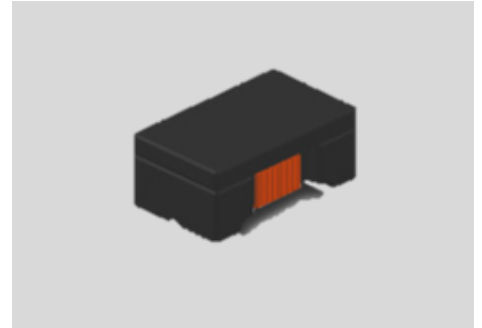


## Features

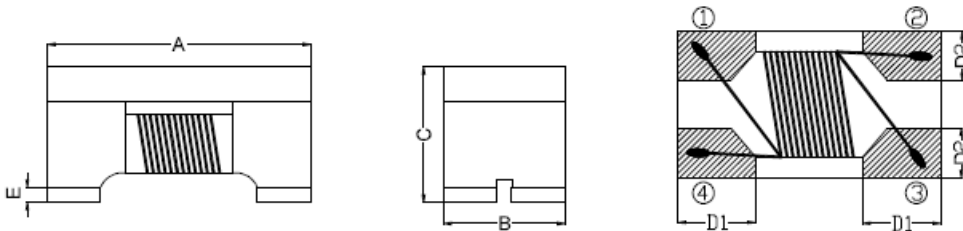
- ▶ High common mode impedance at high frequency effects excellent noise suppression performance.
- ▶ SCF2012U series realizes small size and low profile. 2.0x1.2x1.2 mm.
- ▶ 100% Lead(Pb) & Halogen-Free and RoHS compliant.
- ▶ Excellent for USB3.0

## Applications

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

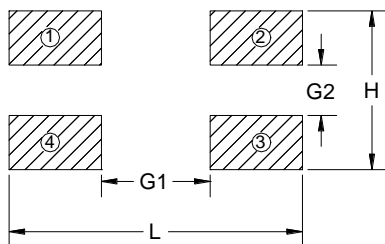


## Dimension (Unit:mm)



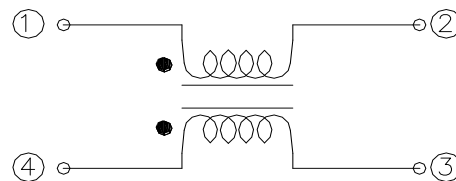
A	B	C	D1	D2	E
2.0±0.2	1.2±0.2	1.2±0.2	0.50±0.1	0.51±0.1	0.15±0.1

## Recommended Land Pattern



L	H	G1	G2
2.60	1.40	1.25	0.45

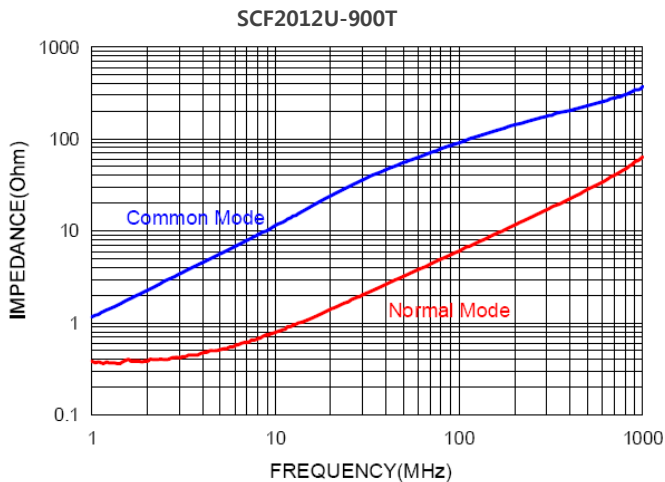
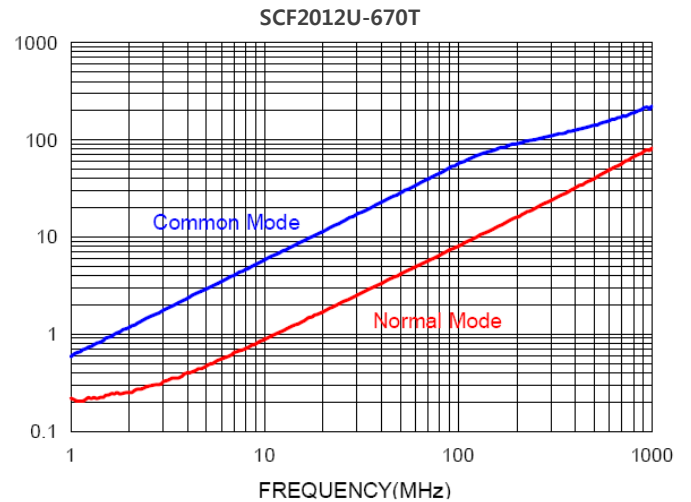
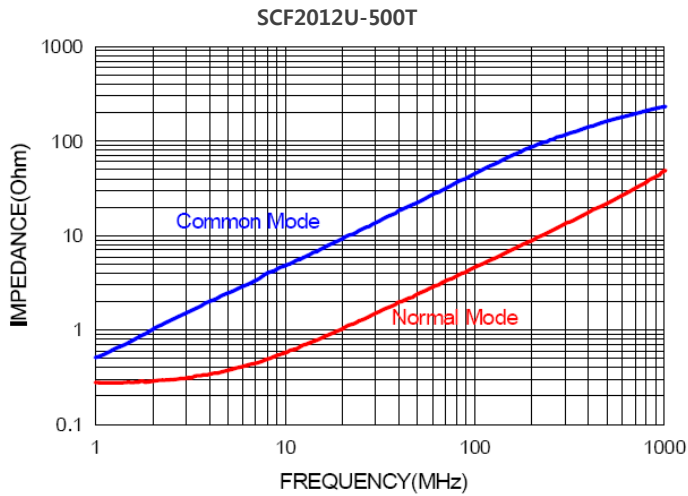
## Schematic Diagram



## 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-SCF2012U-500T40	50±25%	0.25	400	50	125	100	10M
CME-SCF2012U-670T40	67±25%	0.30	400	50	125	100	10M
CME-SCF2012U-900T40	90±25%	0.30	400	50	125	100	10M

## Electrical Characteristics



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