

# CME-SCF2012N-SERIES

Common mode filter for LVDS, USB2.0 and IEEE1394

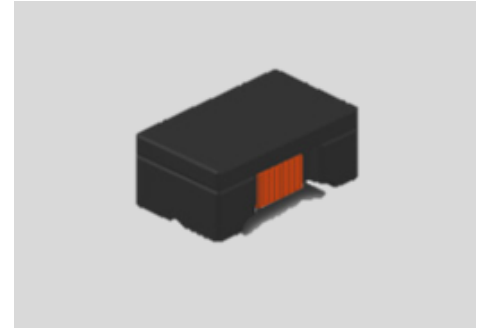


## Features

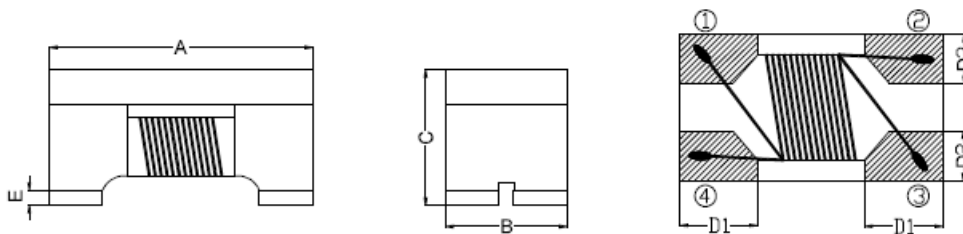
- ▶ High common mode impedance at high frequency cause excellent noise suppression performance.
- ▶ SCF2012N series realizes small size and low profile. 2.0x1.2x1.2 mm.
- ▶ 100% Lead(Pb) & Halogen-Free and RoHS compliant..

## Applications

- ▶ Noise countermeasure for high-speed differential interfaces (LVDS, USB2.0, IEEE1394, etc.) for mobile devices and general consumer products such as smart phones, tablets, digital cameras, and portable music players.

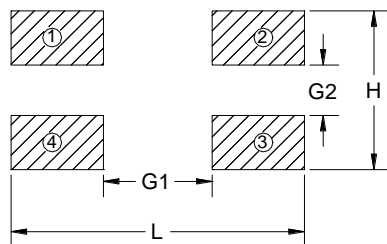


## Dimension (Unit:mm)



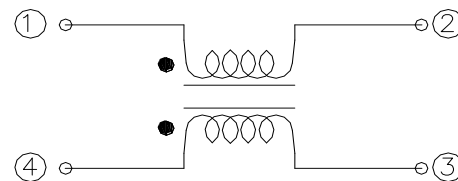
A	B	C	D1	D2	E
2.0±0.2	1.2±0.2	1.2±0.2	0.55±0.1	0.46±0.1	0.15±0.1

## Recommended Land Pattern



L	H	G1	G2
2.60	1.40	1.25	0.45

## Schematic Diagram

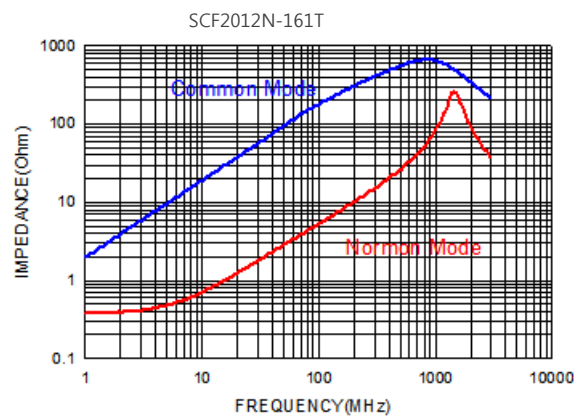
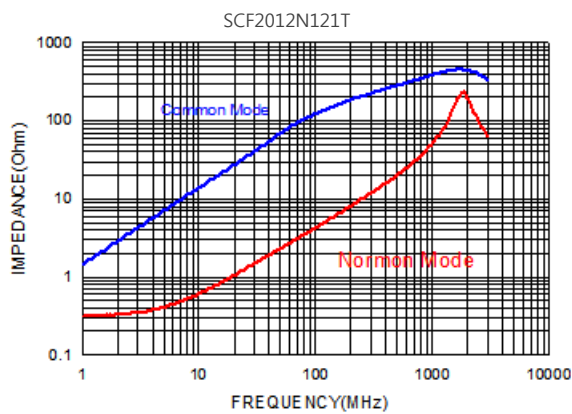
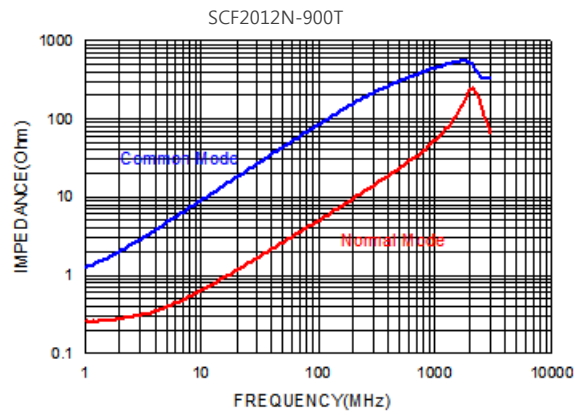
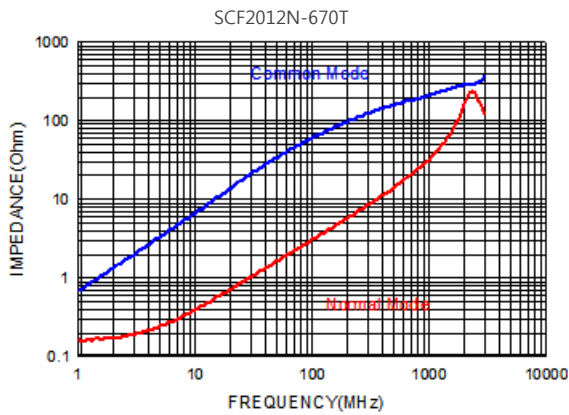


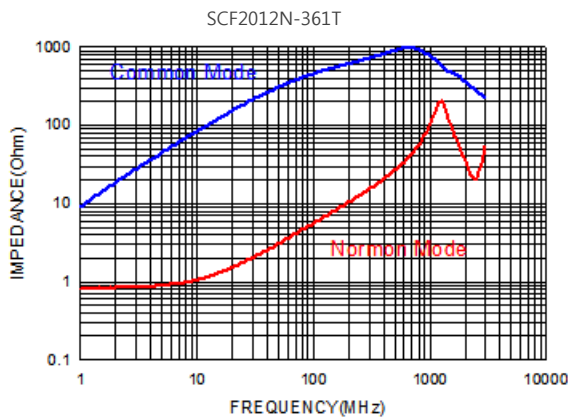
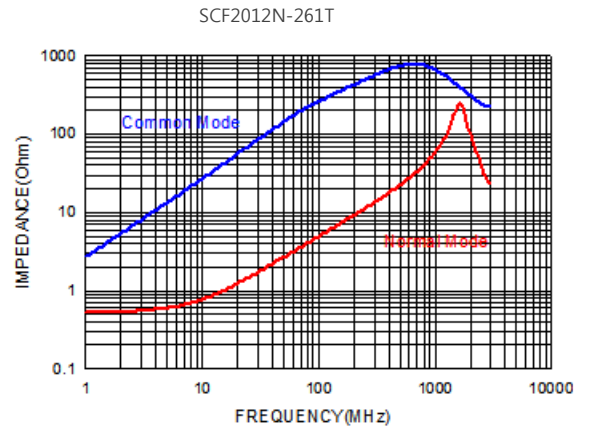
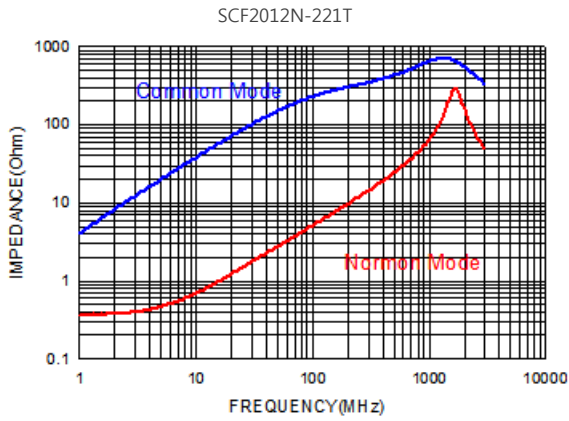
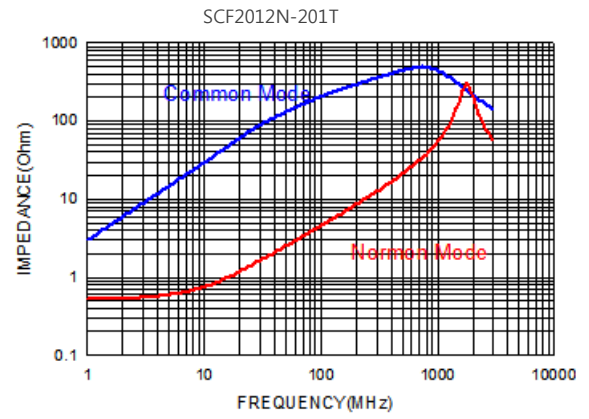
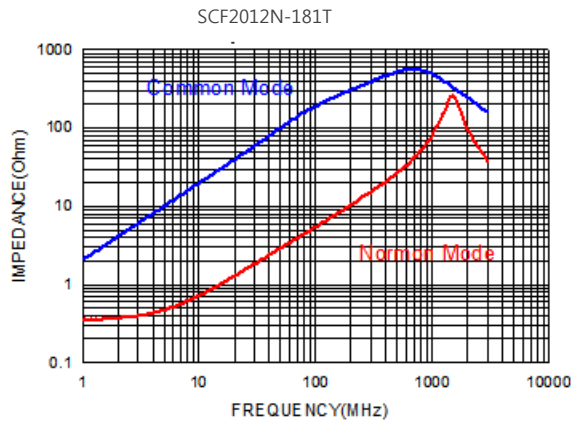
## Specifications

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-SCF2012N-670T40	67±25%	0.25	400	50	125	100	10M
CME-SCF2012N-900T40	90±25%	0.30	400	50	125	100	10M
CME-SCF2012N-121T40	120±25%	0.30	400	50	125	100	10M
CME-SCF2012N-161T35	160±25%	0.35	350	50	125	100	10M
CME-SCF2012N-181T35	180±25%	0.35	350	50	125	100	10M
CME-SCF2012N-201T30	200±25%	0.40	300	50	125	100	10M
CME-SCF2012N-221T30	220±25%	0.40	300	50	125	100	10M
CME-SCF2012N-261T30	260±25%	0.40	300	50	125	100	10M
CME-SCF2012N-361T30	360±25%	0.50	300	50	125	100	10M

## Electrical Characteristics

### ◇ Typical Impedance v.s. Frequency Curve





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