

CME-SCF3216N-SERIES

Common mode filter for LVDS, USB2.0 and IEEE1394

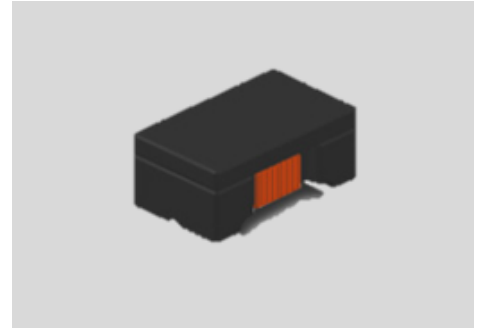


Features

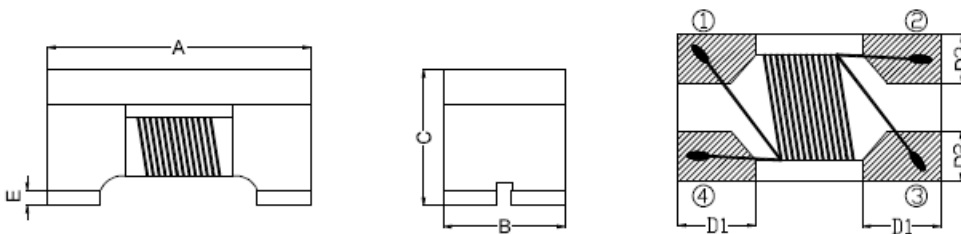
- ▶ High common mode impedance at high frequency cause excellent noise suppression performance.
- ▶ SCF3216N series realizes small size and low profile. 3.2x1.6x2.0 mm.
- ▶ 100% Lead(Pb) & Halogen-Free and RoHS compliant.

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.

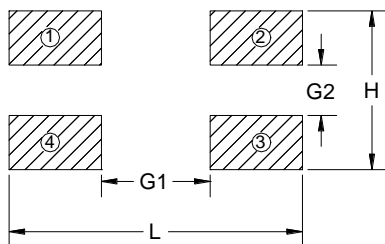


Dimension (Unit:mm)



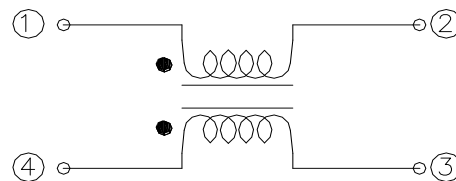
A	B	C	D1	D2	E
3.2±0.2	1.6±0.2	2.0±0.2	0.5±0.1	0.5±0.1	0.15±0.1

Recommended Land Pattern



L	H	G1	G2
3.70	1.60	1.90	0.40

Schematic Diagram

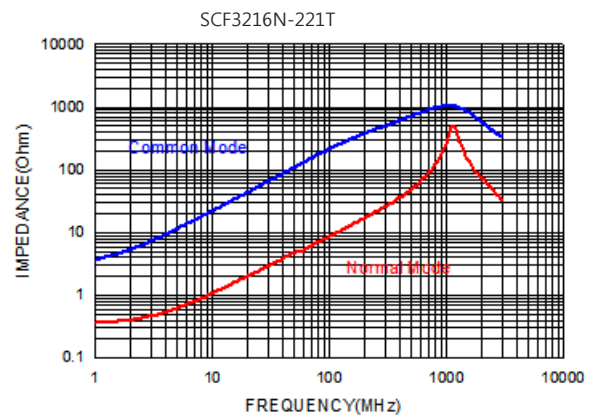
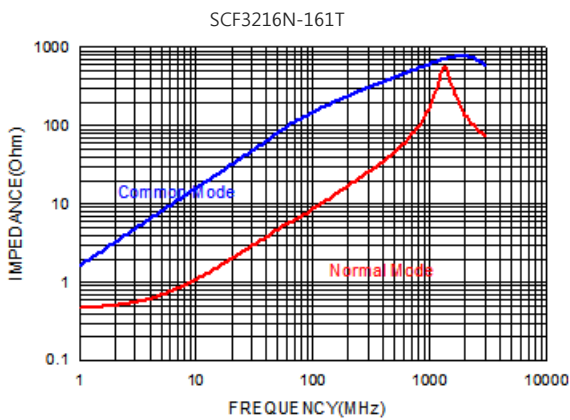
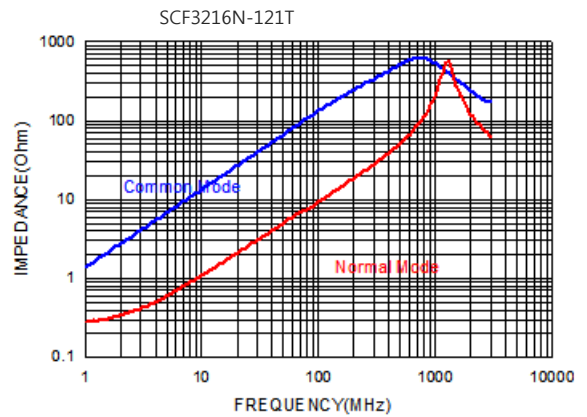
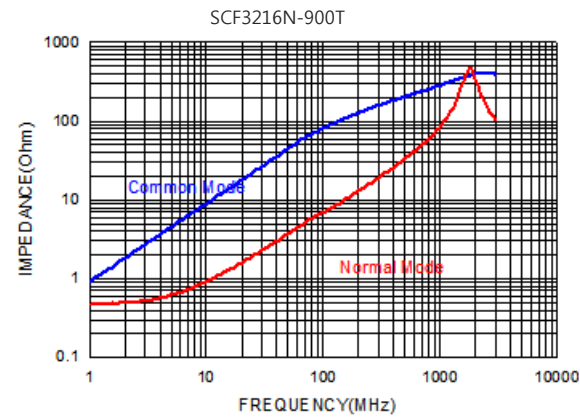


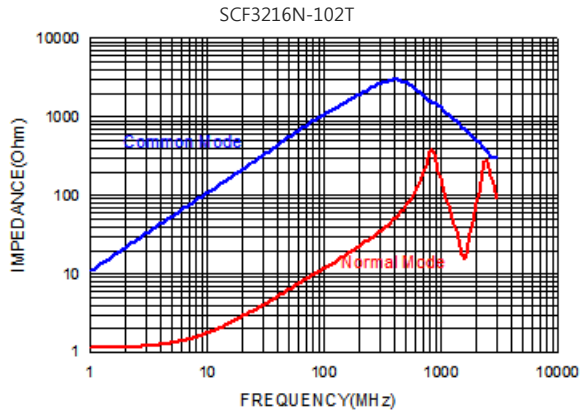
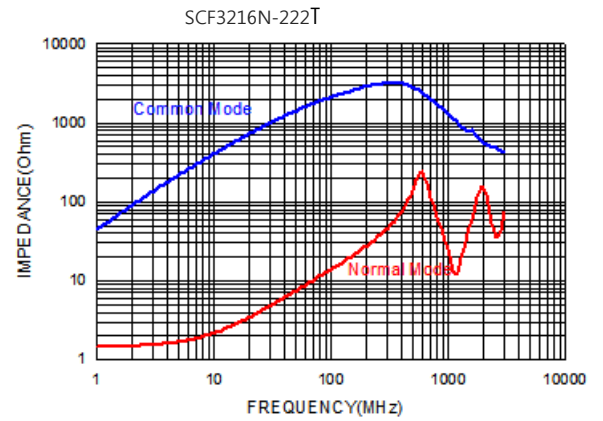
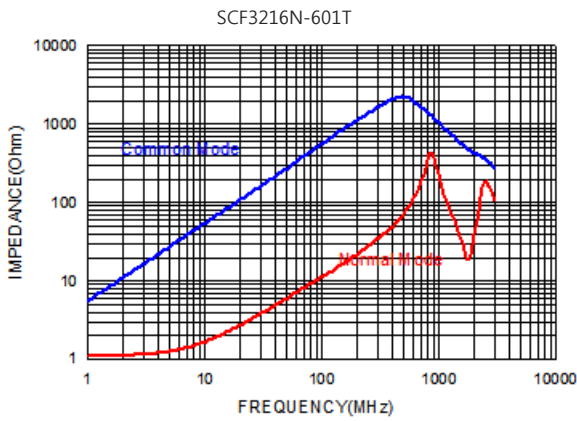
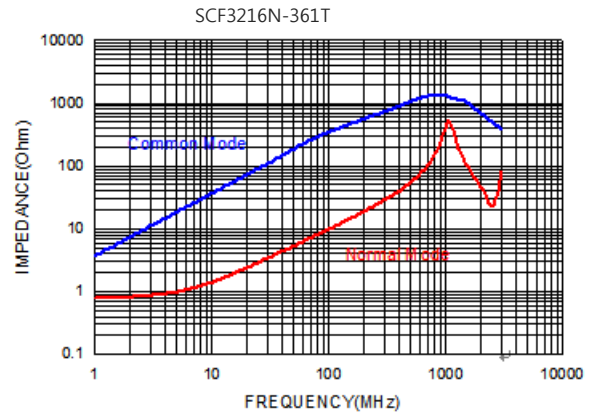
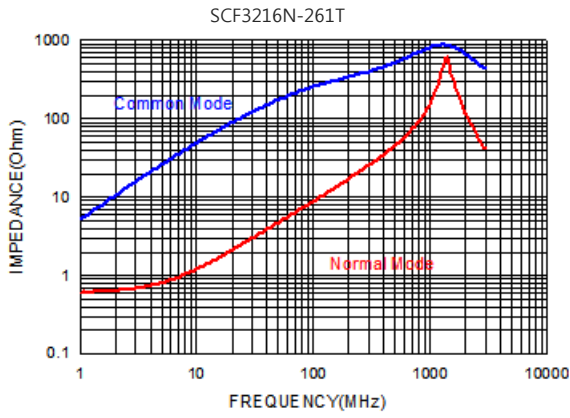
Specifications

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-SCF3216N-900T40	90±25%	0.30	400	50	125	100	10M
CME-SCF3216N-121T35	120±25%	0.30	350	50	125	100	10M
CME-SCF3216N-161T35	160±25%	0.40	350	50	125	100	10M
CME-SCF3216N-221T30	220±25%	0.45	300	50	125	100	10M
CME-SCF3216N-261T30	260±25%	0.50	300	50	125	100	10M
CME-SCF3216N-361T30	360±25%	0.60	300	50	125	100	10M
CME-SCF3216N-601T30	600±25%	0.80	300	50	125	100	10M
CME-SCF3216N-102T20	1000±25%	1.00	200	50	125	100	10M
CME-SCF3216N-222T20	2200±25%	1.20	200	50	125	100	10M

Electrical Characteristics

◇ Typical Impedance v.s. Frequency Curve





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