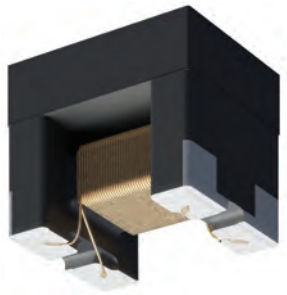
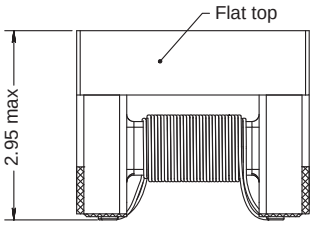
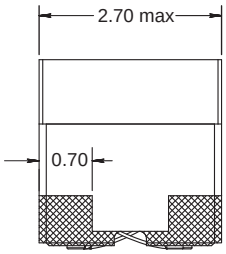
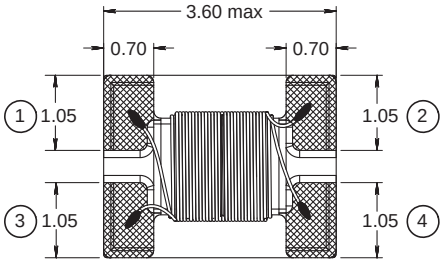
1210 CMF

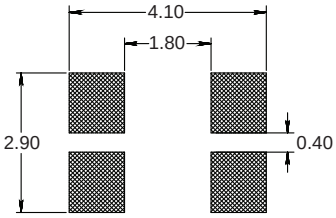
Common Mode Filter
CAN bus





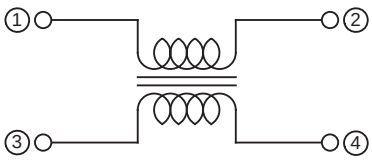




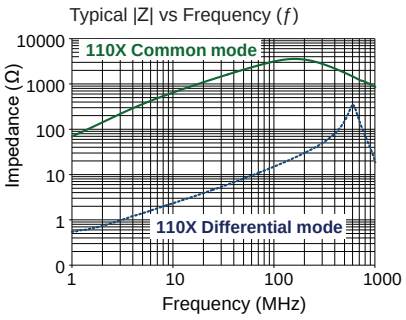


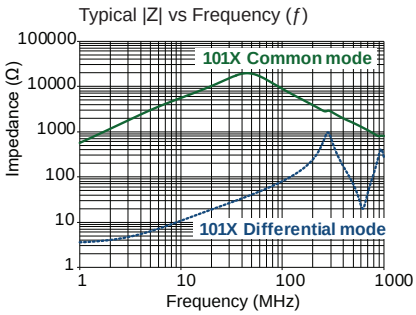
Recommended layout for solder pads

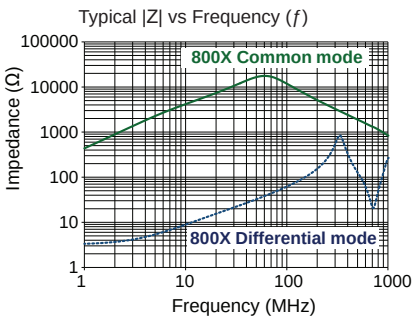
Schematic



No polarity







Part No	Impedance |Z| (Ω) min	typ	f_Z (MHz)	Inductance L (µH)	f_L (kHz)	Tol ± (%)	Leakage Inductance (µH) typ	Capacitance Ref. (pF)	DCR max (Ω)	Rated DC Current (mA)
1210CMF-110X-YY	300	550	10 MHz @ 0.1 V	11	100 kHz @ 0.1 V	+50/-30	0.10	12	0.40	300
1210CMF-800X-YY	1000	2600	10 MHz @ 0.1 V	80	100 kHz @ 0.1 V	+50/-30	0.13	12	2.00	200
1210CMF-101X-YY	3500	5100	10 MHz @ 0.1 V	100	100 kHz @ 0.1 V	+50/-30	0.13	12	2.30	150

Revision date: 18 Feb 2025

Core Material: Ferrite
Top Material: Magnetically shielded

SPQ: Taped / Reel 600 [-01]
2700 [-04]

Remarks: - Rated Volt = 80 Vdc.
- Insulation Resistance = 10 MΩ min.

• All dimensions in mm