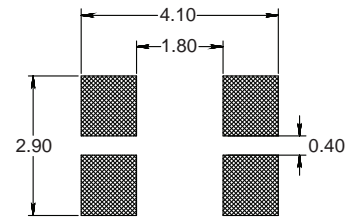
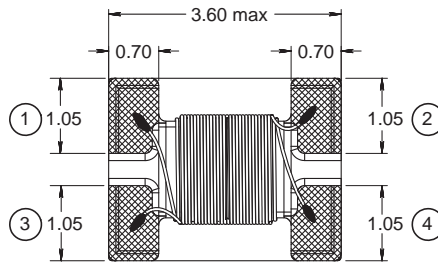
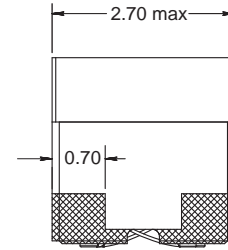
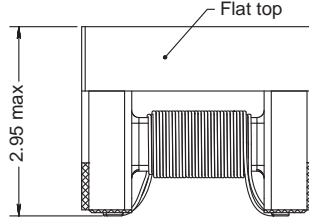
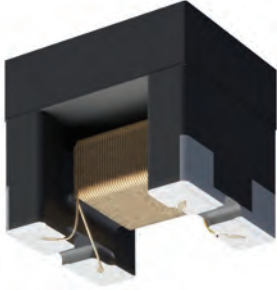


1210 CMF

Common Mode Filter
CAN bus

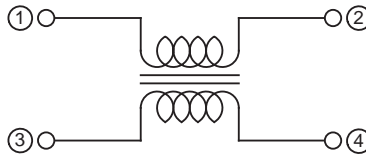


PRELIMINARY

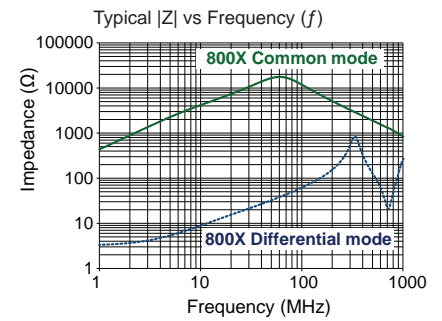
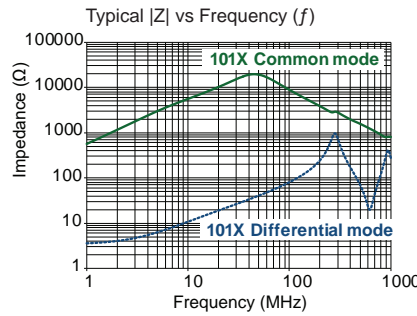
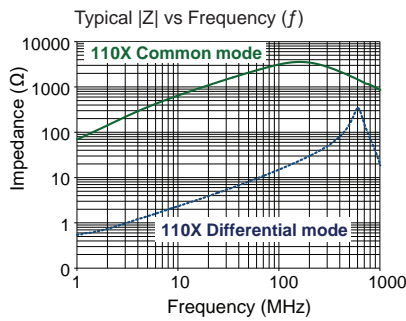


Recommended layout for solder pads

Schematic



No polarity



Part No	Impedance Z (Ω)		f _z (MHz)	Inductance L (μH)		f _l (kHz)	Tol ± (%)	Leakage Inductance (μH) typ	Capacitance Ref. (pF)	DCR max (Ω)	Rated DC Current (mA)
	min	typ									
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	

Core Material: Ferrite
Top Material: Magnetically shielded

Revision date: 18 Jul 2023

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

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