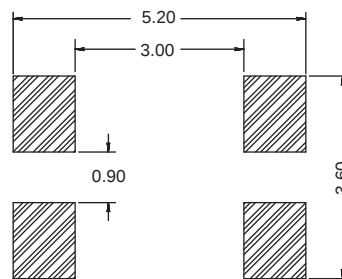
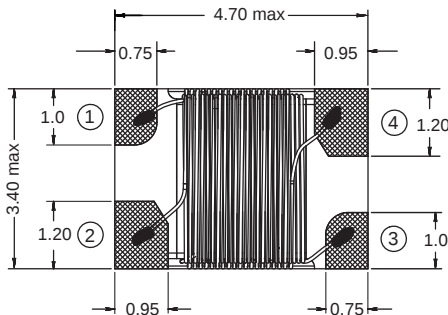
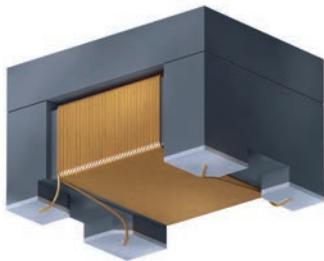


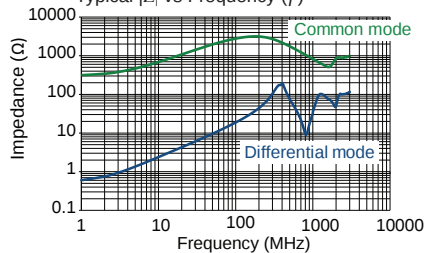
1812 CMF



Recommended layout for solder pads

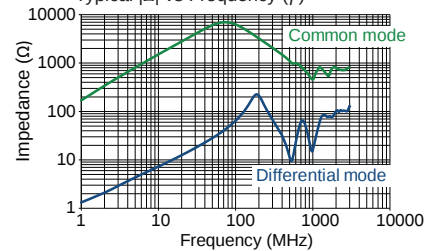
1812CMF-110X

Typical |Z| vs Frequency (f)



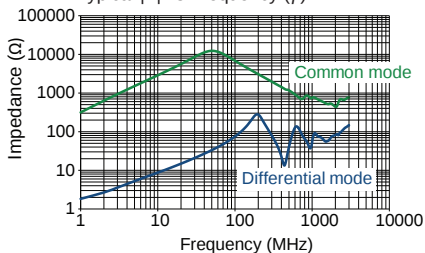
1812CMF-220X

Typical |Z| vs Frequency (f)



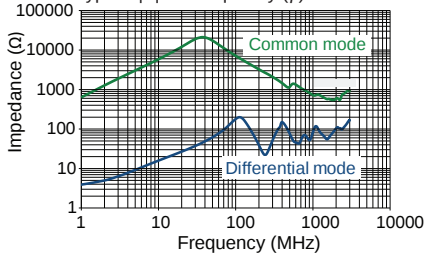
1812CMF-510X

Typical |Z| vs Frequency (f)



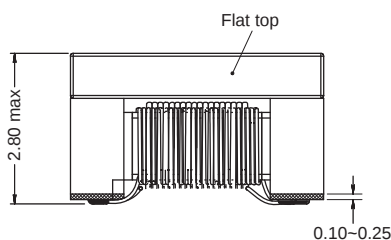
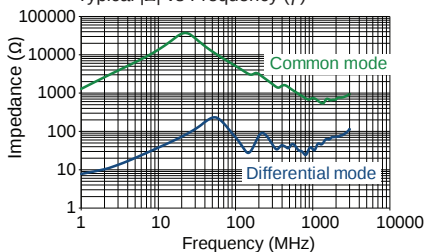
1812CMF-101X

Typical |Z| vs Frequency (f)

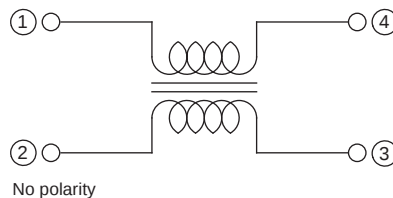


1812CMF-201X

Typical |Z| vs Frequency (f)



Schematic



Part No	Impedance Z (Ω)		f _z (MHz)	Inductance L (μH)	f _L (kHz)	Tol ± (%)	DCR max (Ω)	Rated DC Current (mA)
	min	typ						
1812CMF-110X-YY	300	600	10	11	100	+50/-30	0.5	250
1812CMF-220X-YY	500	1200	10	22	100	+50/-30	0.7	200
1812CMF-510X-YY	1000	2800	10	51	100	+50/-30	0.9	200
1812CMF-101X-YY	2000	5800	10	100	100	+50/-30	2.0	150
1812CMF-201X-YY	6000	10000	10	200	100	+50/-30	4.5	100

Core Material : Ferrite, magnetically flat top.

Revision date : 09 Apr 2018

SPQ : Taped / Reel 600 [-01]
2200 [-04]

Remarks: - For not listed inductance values please check availability with us.

- Rated Volt = 50 Vdc.
- Winding Windstand Volt = 125 Vdc.
- Insulation Resistance = 10 MΩ min.