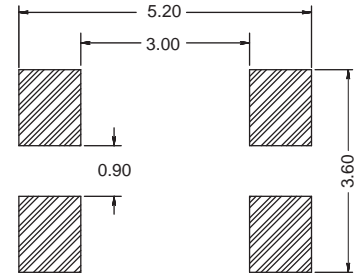
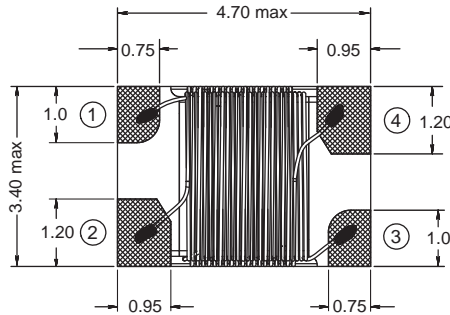
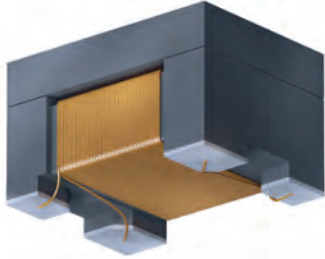




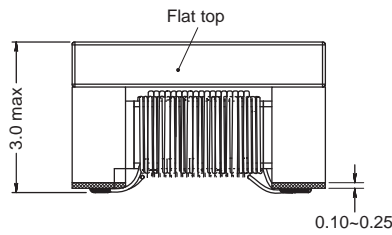
Preliminary Spec

1812 CMF

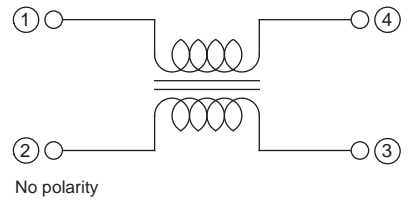
Common Mode Filter



Recommended layout for solder pads



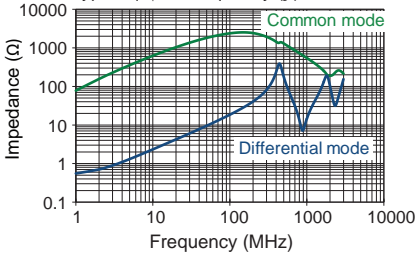
Schematic



Common Mode Filter Chip Inductors

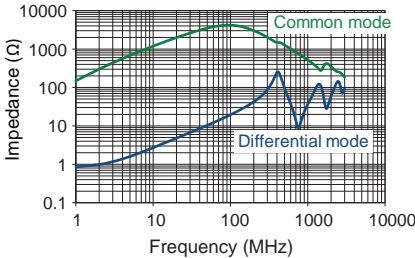
1812CMF-110X

Typical |Z| vs Frequency (f)



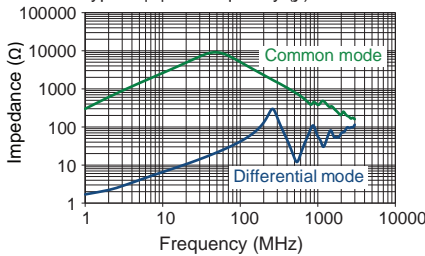
1812CMF-220X

Typical |Z| vs Frequency (f)



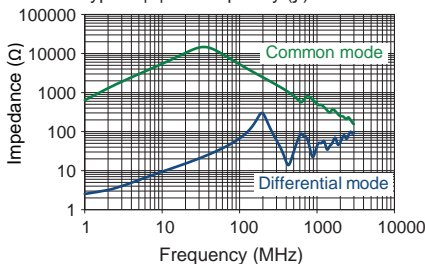
1812CMF-510X

Typical |Z| vs Frequency (f)



1812CMF-101X

Typical |Z| vs Frequency (f)



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

Core Material : Ferrite
Top Material : Magnetically shielded

Revision date : 24 Aug 2018

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

- Remarks** :
- For not listed inductance values please check availability with us.
 - Rated Volt = 50 Vdc.
 - Winding Withstand Volt = 125 Vdc.
 - Insulation Resistance = 10 MΩ min.