

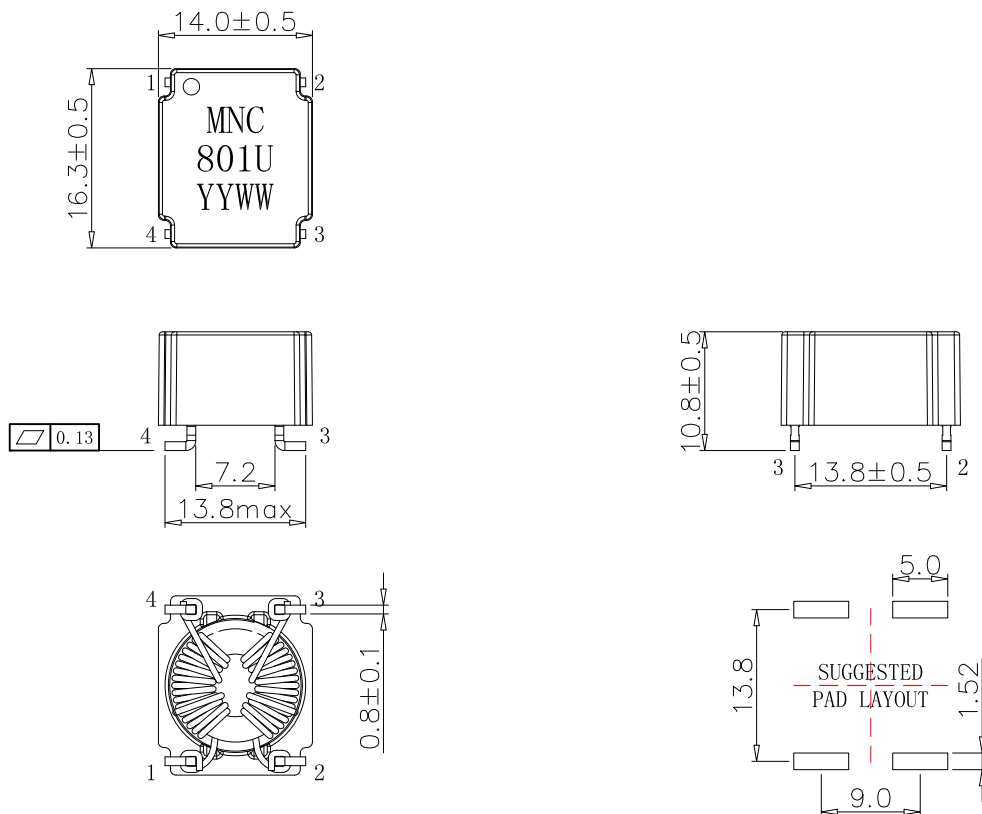
- Common mode chokes for AC Power lines
- High impedance to minimize common mode noise
- Excellent EMI performance
- Operate temperature range: -40 °C to +125 °C (Including self temperature rise)
- Storage temperature range: -40 °C to +125 °C



Electrical Specifications @25 °C

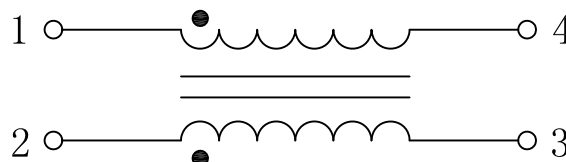
Part Number	OCL @10KHz, 0.1V	DCR	Turns Ratio	Rated Current $\Delta T \cong 40^\circ\text{C}$	Hi-Pot 1mA/1S/50Hz
	1-4, 2-3	1-4, 2-3	1-4, 2-3		1-4 TO 2-3
CM1005SG651U	0.65mH Min.	20m Ω Max.	1:1	3.0A Max.	1000Vac
CM1005SG801U	0.80mH Min.	33m Ω Max.	1:1	2.4A Max.	1000Vac
CM1005SG152U	1.50mH Min.	70m Ω Max.	1:1	1.6A Max.	1000Vac
CM1005SG602U	6.00mH Min.	200m Ω Max.	1:1	0.9A Max.	1000Vac
CM1005SG153U	10.0mH Min.	500m Ω Max.	1:1	0.5A Max.	1000Vac

MECHANICAL



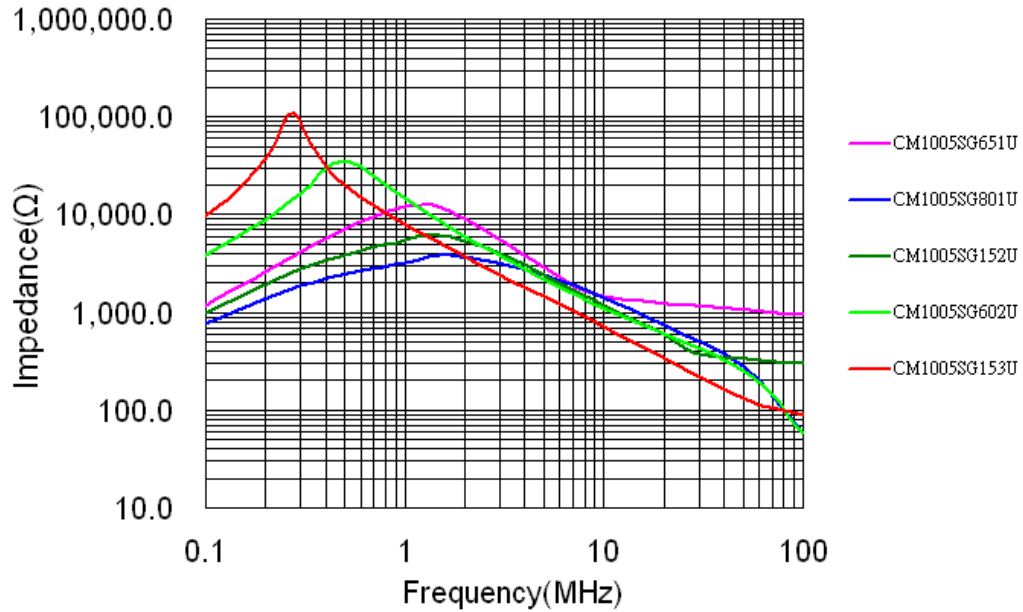
Unless otherwise specified all tolerances are:±0.25 in mm

SCHEMATICS

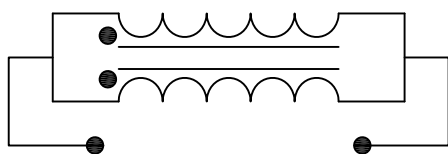
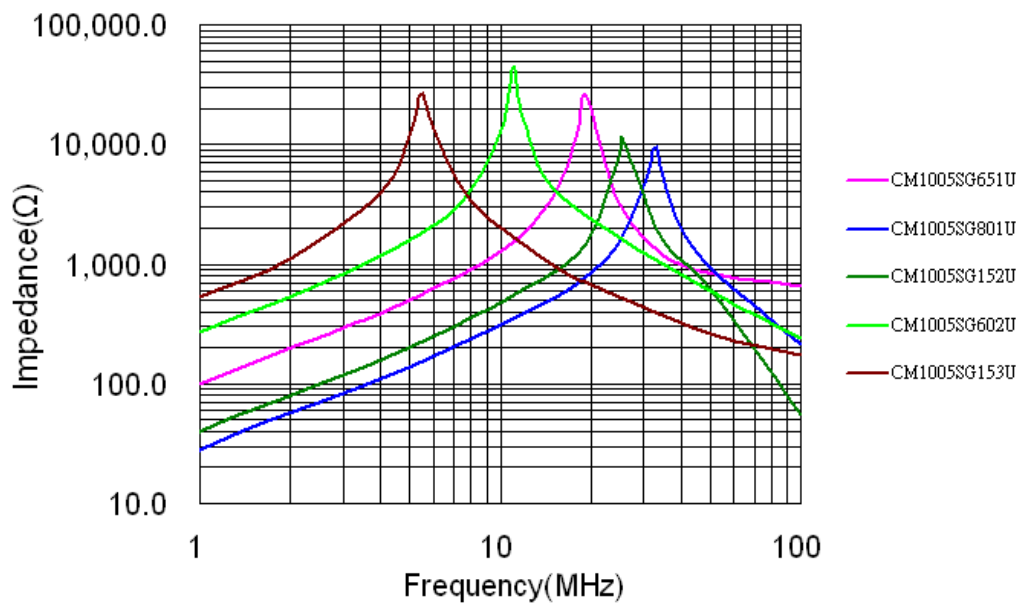


Impedance Vs Frequency

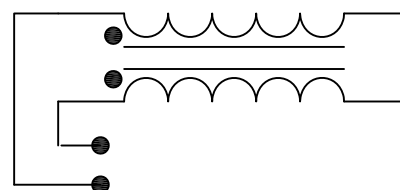
Common Mode



Different Mode



Common Mode



Different Mode