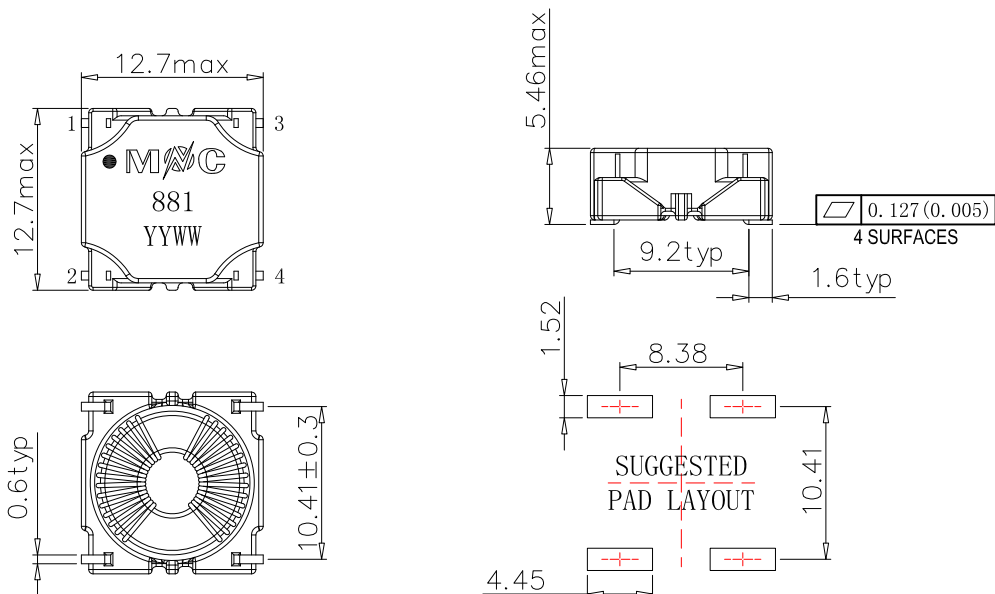


- Common mode chokes for AC Power lines
- High impedance to minimize common mode noise
- Excellent EMI performance
- Operate temperature range: -40 °C to +125 °C (Including self temperature rise)
- Storage temperature range: -40 °C to +125 °C



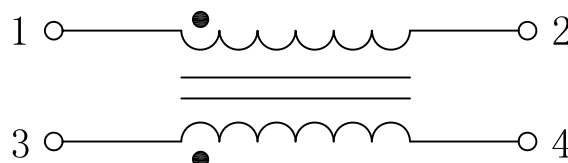
| Electrical Specifications @25 °C | | | | | |
|----------------------------------|----------------------|--------------------|-------------|--|-----------------------|
| Part Number | OCL @100KHz, 0.1V | DCR | Turns Ratio | Rated Current $\Delta T \cong 40^\circ C$ | Hi-Pot 1mA/1S/50Hz |
| | 1-2, 3-4 | 1-2, 3-4 | 1-2 : 3-4 | | 1-2 to 3-4 |
| CM0903SG881N | 880uH $\pm 35\%$ | 110m Ω Max. | 1 : 1 | 1.63A Max. | 1000Vac |
| CM0903SG112N | 1170uH $\pm 35\%$ | 200m Ω Max. | 1 : 1 | 1.22A Max. | 1000Vac |
| CM0903SG302N | 3000uH $\pm 35\%$ | 280m Ω Max. | 1 : 1 | 0.85A Max. | 1000Vac |
| CM0903SG392N | 3900uH $\pm 35\%$ | 350m Ω Max. | 1 : 1 | 0.85A Max. | 1000Vac |
| CM0903SG682N | 6800uH $\pm 35\%$ | 700m Ω Max. | 1 : 1 | 0.30A Max. | 1000Vac |

MECHANICAL



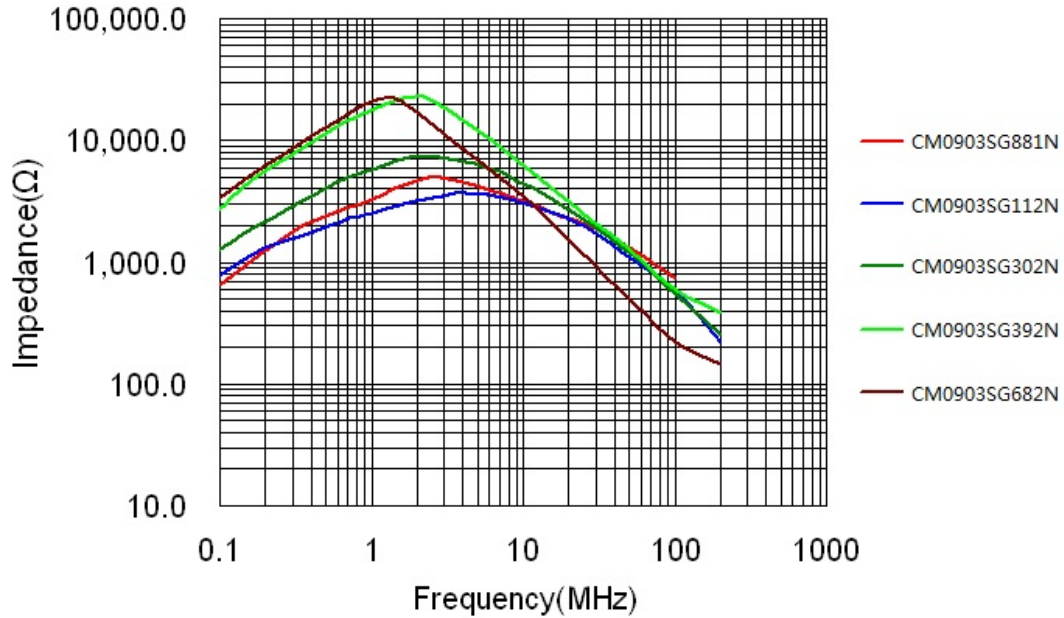
Unless otherwise specified all tolerances are: ±0.25 in mm

SCHEMATICS

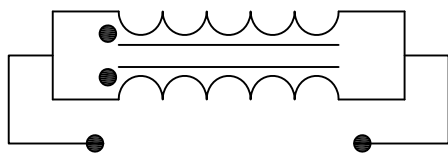
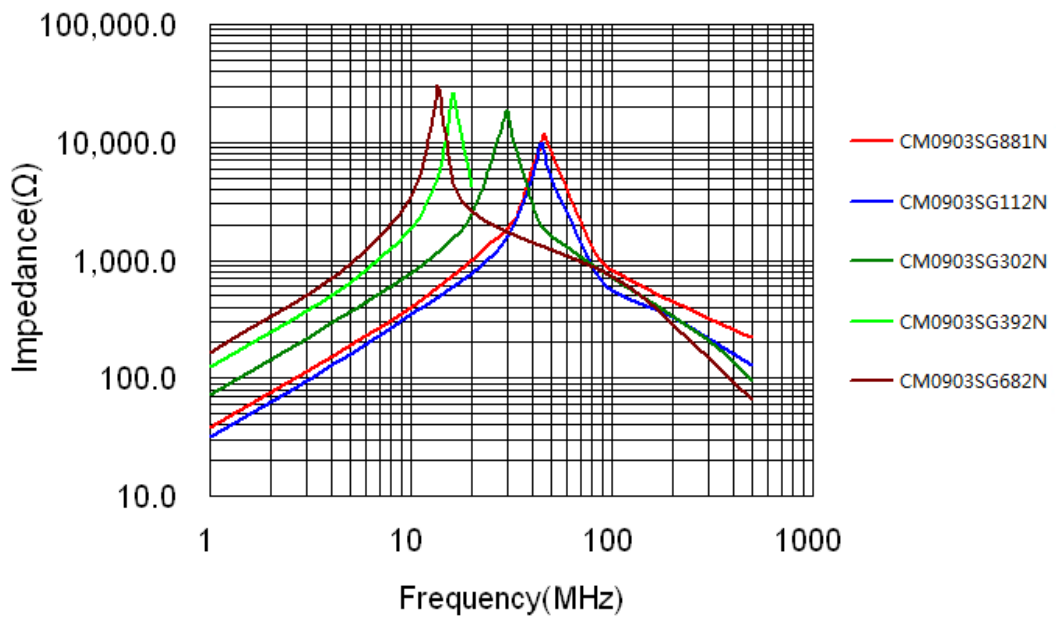


Impedance Vs Frequency

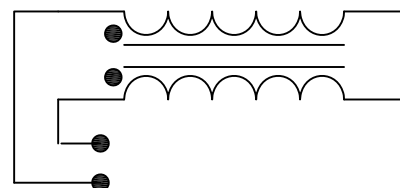
Common Mode



Different Mode



Common Mode



Different Mode