

SCM Series
Common Mode Choke Coil
Size 1009



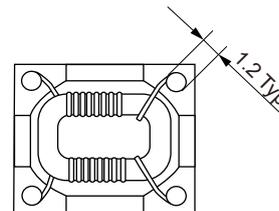
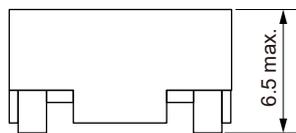
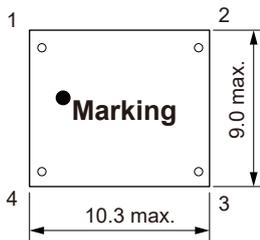
FEATURES

- Chip common mode filter for large current applications.
- Low profile design makes it optimal for surface mounting.
- Operating temperature -40~+125 °C
- Quantity:1000pcs

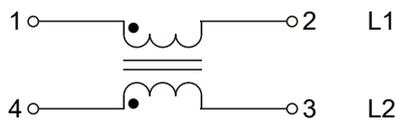
APPLICATIONS

- Power line noise countermeasure for various electronic equipment
- Noise countermeasure for adapter lines and battery lines or larger electronic equipment such as note PCs and word processors

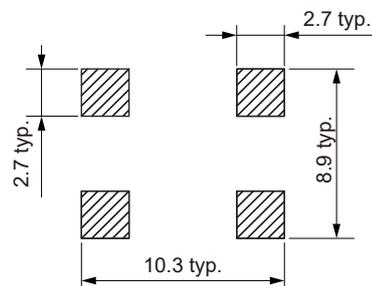
Dimensions: [mm]



Schematic:



Land Pattern: [mm]



Electrical Properties:

| Part No | Inductance 100KHz/0.1V Typ. (μ H) | Impedance @100MHz Typ. (Ω) | Temperature Rise Current Max. (A) | DCR Max. (m Ω) | Rated Voltage (Volts) | Insulation Voltage (Volts) |
|--------------|---|--|--|------------------------------|-----------------------------|----------------------------------|
| SCM1009-050Y | 5 | 500 | 5.0 | 5.5 | 80 | 500 |
| SCM1009-090Y | 9 | 800 | 3.5 | 11 | 80 | 500 |
| SCM1009-110Y | 11 | 1000 | 2.5 | 30 | 80 | 500 |
| SCM1009-300Y | 30 | 2200 | 1.4 | 60 | 80 | 500 |

Temperature Rise Current: The actual value of DC current when the temperature rise is $\Delta T=40^{\circ}\text{C}$

Typical Electrical Characteristics:

