

**SCM Series**  
Common Mode Choke Coil  
Size 1009



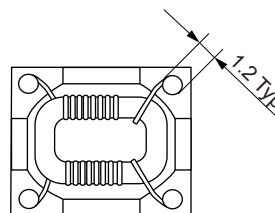
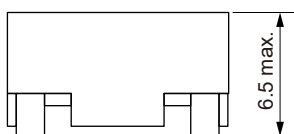
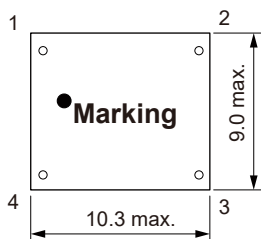
**FEATURES**

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

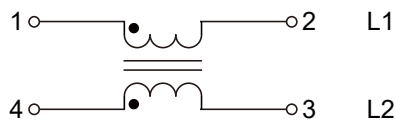
**APPLICATIONS**

- 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

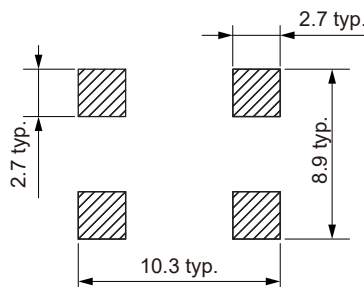
Dimensions: [mm]



Schematic:



Land Pattern: [mm]

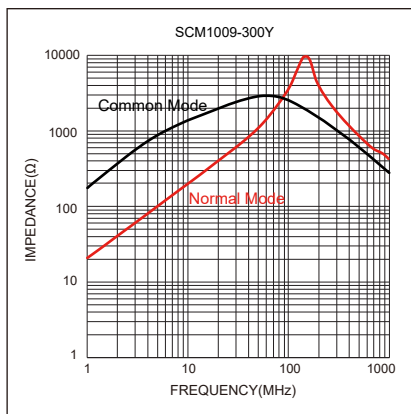
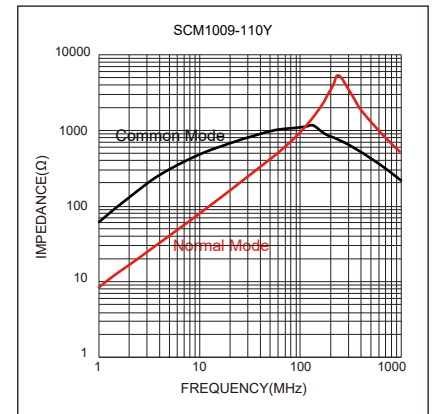
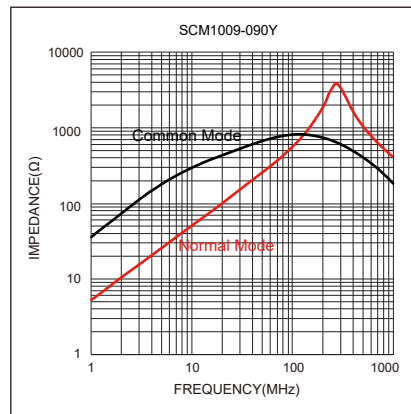
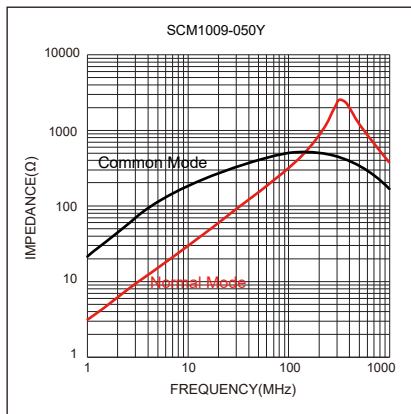


## Electrical Properties:

Part No	Inductance 100KHz/0.1V Typ. ( $\mu$ H)	Impedance @100MHz Typ. ( $\Omega$ )	Temperature Rise Current Max. (A)	DCR Max. (m $\Omega$ )	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:



## X-ON Electronics

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