

SCM Series
SMD Common Mode Inductor
Size 5020



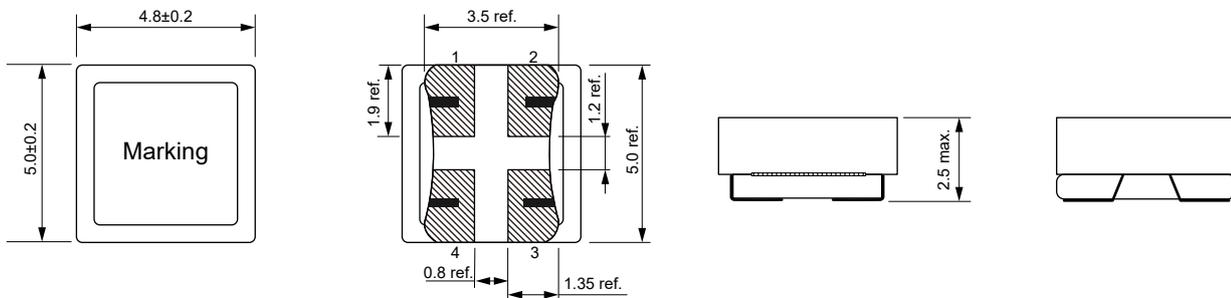
FEATURES

- Chip common mode filter for large current applications.
- Optimal for surface mounting with low profile 2.5 mm.
- Operating temperature -40~+125 °C
- Quantity:2500pcs

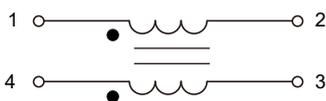
APPLICATIONS

- Countermeasure of Common mode noise in power lines for various devices

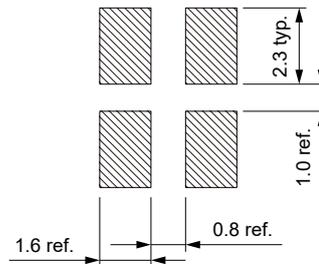
Dimensions: [mm]



Schematic:



Land Pattern: [mm]



Electrical Properties:

Part No	Impedance @ 100 MHz Typ. (Ω)	DC Resistance Max. (mΩ)	Temperature Rise Current Max. (A)	Rated Voltage Max. (Volts)	IR Min. (MΩ)
SCM5020-101Y	100	13	6.0	50	10
SCM5020-251Y	250	20	5.0	50	10
SCM5020-501Y	500	27	4.0	50	10
SCM5020-102Y	1000	34	2.0	50	10
SCM5020-142Y	1400	55	1.5	50	10
SCM5020-152Y	1500	56	1.5	50	10

Temperature Rise Current will cause the coil temperature rise approximately Δt40 °C

Typical Electrical Characteristics:

