

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



**FEATURES**

- Winding type realizes small size and low profile
- Prevention of common mode noise at high Frequency
- Excellent solderability
- Operating Temperature: -55°C to +125°C
- Quantity: 800 pcs

Dimensions: [mm]

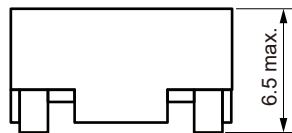
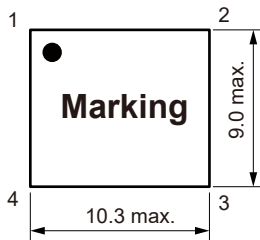


Figure 1

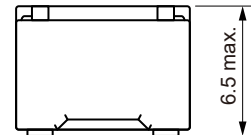
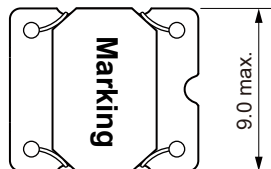
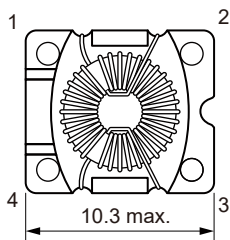
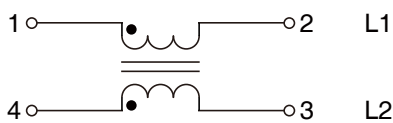
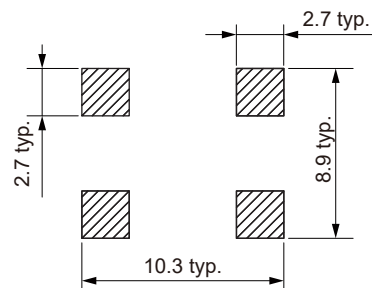


Figure 2

Schematic:



Land Pattern: [mm]



## Electrical Properties:

Part No	Inductance (μH)	Tol.	Impedance Max. (Ω)	Rated Current Max. (mA)	DCR Max. (Ω)	Rated Voltage (Volts)	Insulation Voltage (Volts)	Figure
SCM1009-050Y	5	±50%	500@108MHz	5000	0.010	80	500	1
SCM1009-090Y	9	±50%	800@105MHz	3500	0.011	80	500	1
SCM1009-110Y	11	±50%	1000@100MHz	2500	0.030	80	500	1
SCM1009-300Y	30	±50%	2200@60MHz	1400	0.060	80	500	1
SCM1009-500Y	50	±50%	3200@22MHz	500	0.096	80	500	1
SCM1009-121Y	120	±40%	460@40MHz	2500	0.030	80	1000	2
SCM1009-151Y	150	±40%	480@10MHz	3500	0.013	80	500	2
SCM1009-221Y	220	±40%	780@18MHz	2200	0.032	80	1000	2
SCM1009-251Y	250	±40%	970@15MHz	2000	0.040	80	1000	2
SCM1009-471Y	470	±40%	1750@12MHz	1600	0.070	80	1000	2
SCM1009-102Y	1000	±40%	3600@6MHz	950	0.180	80	1000	2
SCM1009-222Y	2200	±40%	7500@4MHz	750	0.300	80	300	2
SCM1009-332Y	3300	±40%	8900@2MHz	650	0.360	80	300	2
SCM1009-392Y	3900	±40%	9600@2MHz	520	0.540	80	300	2
SCM1009-472Y	4700	±40%	13000@1.2MHz	350	0.720	80	300	2

Test Condition:100kHz/0.1V

Rated Current will cause the coil temperature rise approximately Δt40 °C

## Typical Electrical Characteristics:

