

SCM Series
SMD Common Mode Inductor
Size 4015

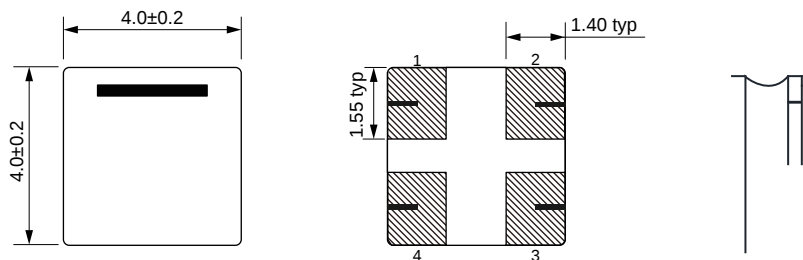
FEATURES

- Chip common mode filter for large current applications.
- Low profile design makes it optimal for surface mounting.
- Operating temperature: -40~+125 ℃.
- Quantity:2500pcs.

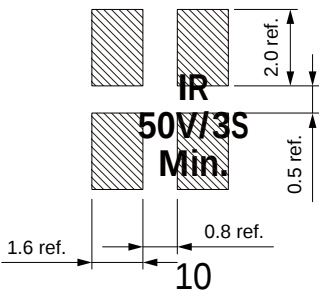
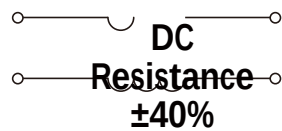
APPLICATIONS

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

Dimensions: [mm]



Schematic:



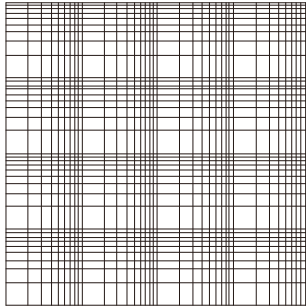
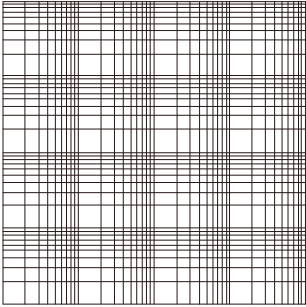
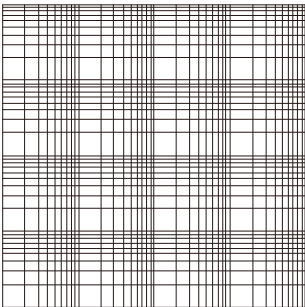
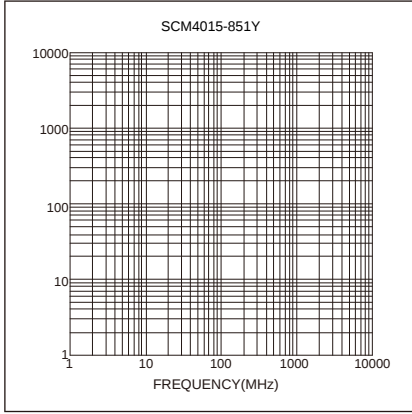
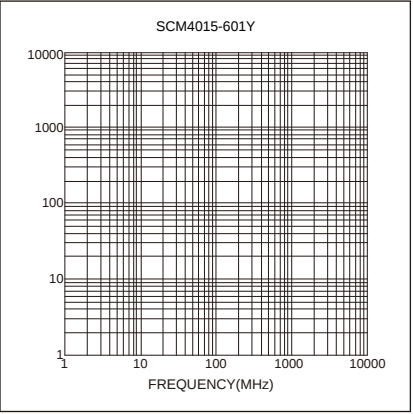
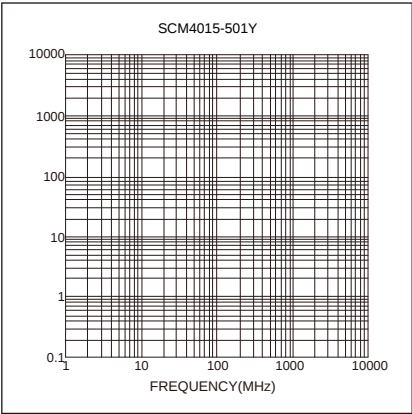
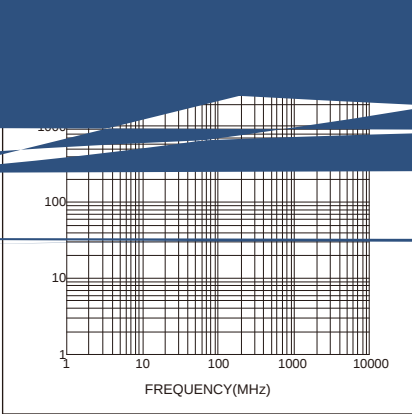
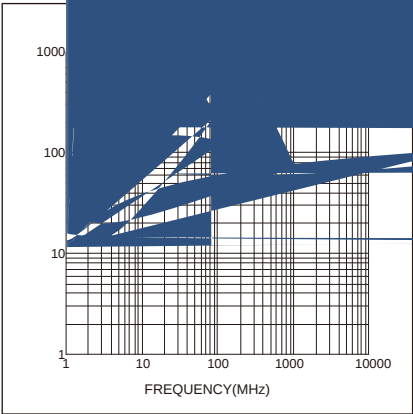
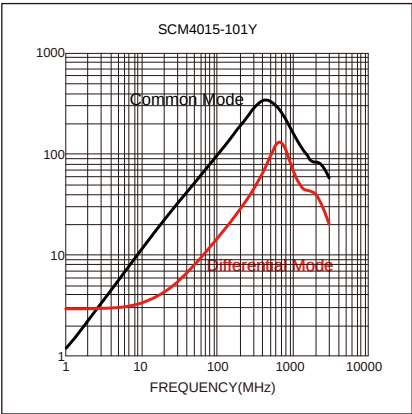
Electrical Properties:

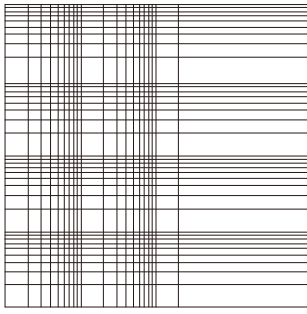
Part No	Impedance @ 10 MHz ±40%	Impedance @ 100 MHz Typ.					
SCM4015-101Y	0.030				10		
SCM4015-251Y	0.030				10		
SCM4015-401Y	0.030				10		
SCM4015-501Y	0.040				10		
SCM4015-601Y							
SCM4015-851Y							

Part No	Impedance @ 10 MHz ±40%	Impedance @ 100 MHz Typ.
SCM4015-102Y	65	1000
SCM4015-172Y	100	1700
SCM4015-242Y	120	2400
SCM4015-222Y	180	2200

Rated Current: The actual value of DC current

Typical Electrical Characteristics:





Soldering Reflow:

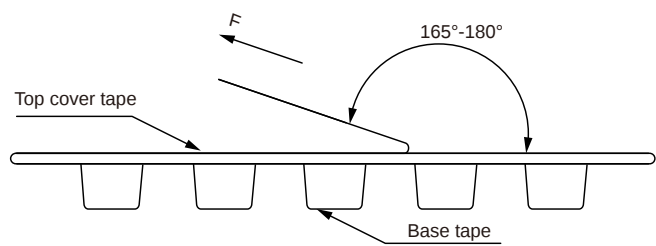
Preheat condition: 150 ~200℃ / 60~180 sec.
Allowed time above 217℃ : 60~150 sec.
Max temperature: 260℃ .
Max time at max temperature: 10 sec.

Packaging Information:

Product Marking:

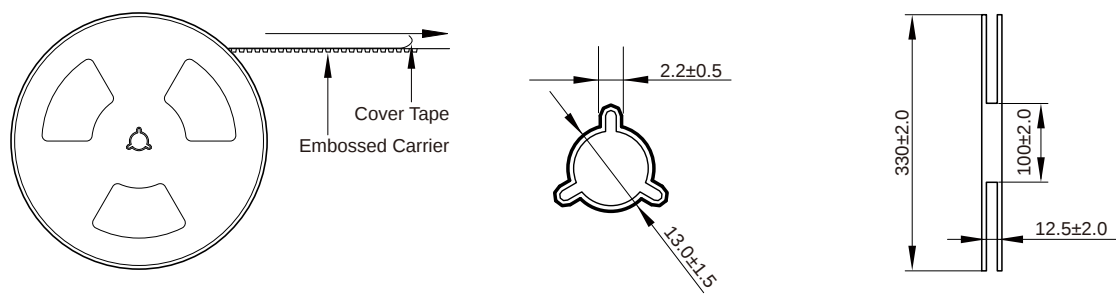
Marking	Black bars
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Peel force of top cover tape:

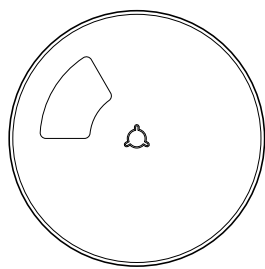


The peel force of top cover tape shall be between 0.1 to 1.17 N

Reel Dimension: [mm]



Packaging Quantity:



2500 Pcs/Reel

3 Reel /Inner box(7500 Pcs)

3 Inner box/Carton box(22.5K Pcs)

Cautions and Warnings:

Storage Conditions:

- The storage period is within 12 months after the completion of production. Be sure to follow the storage conditions (temperature: -5 to 35°C, humidity: 75% RH Max).If the storage period elapses, the soldering of the terminal electrodes may deteriorate.The warranty period is one year.
- Product should not be exposed to environment with high temperature, high humidity, dust, corrosive gas and etc.
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Operation Instructions:

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