

# SCM Series

## SMD Common Mode Inductor

### Size 5040



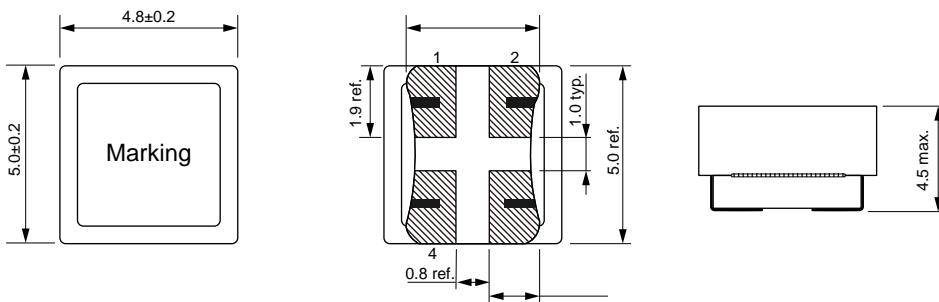
#### FEATURES

- Chip common mode filter for large current applications.
- Low profile design makes it optimal for surface mounting.
- Operating temperature:  $-40\sim+105\text{ }^{\circ}\text{C}$ .
- Quantity: 1000pcs.

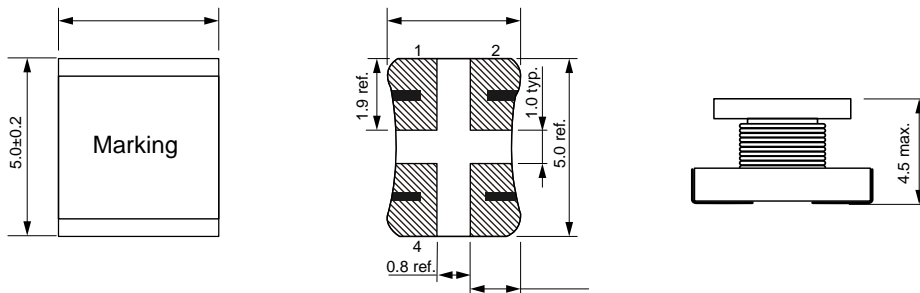
#### APPLICATIONS

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

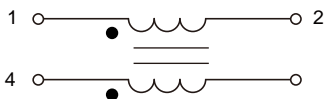
#### Dimensions: [mm]



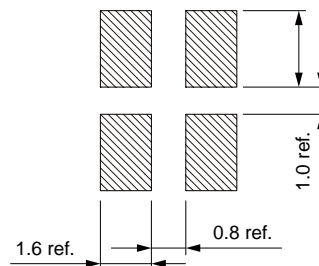
#### Dimensions: [mm] Z=



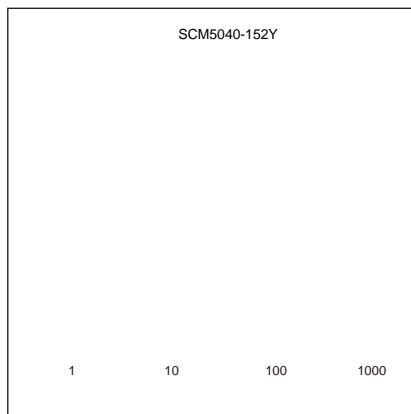
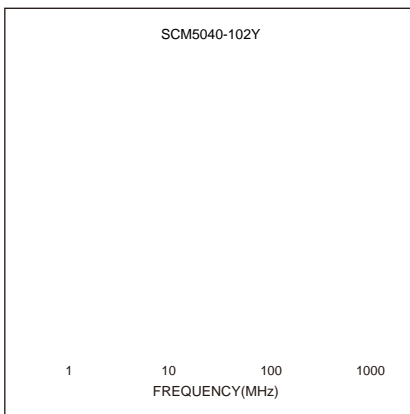
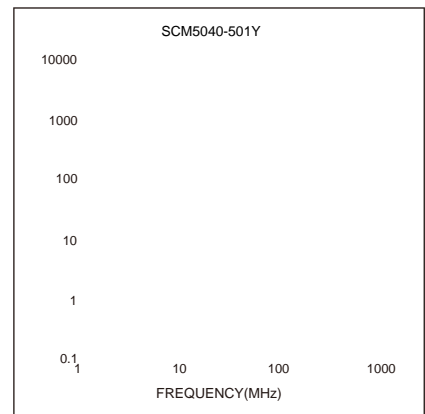
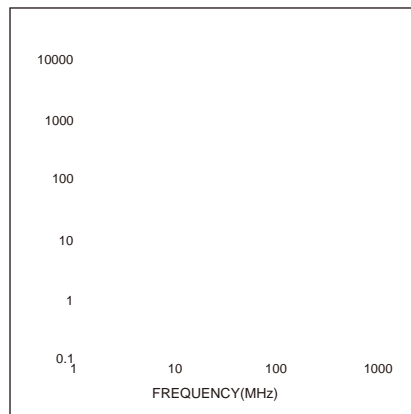
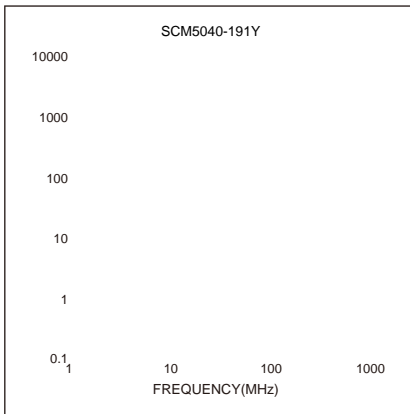
#### Schematic:



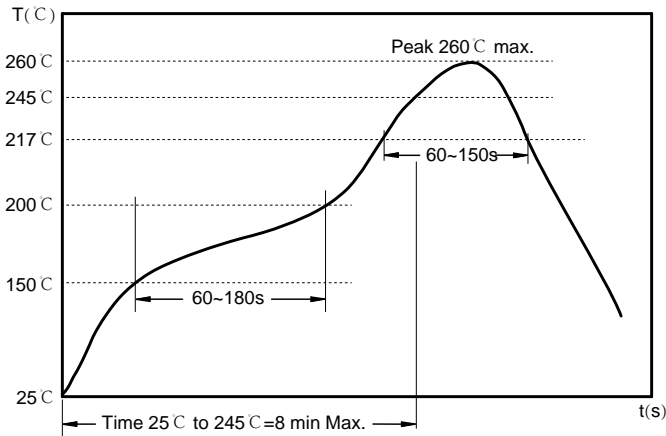
#### Land Pattern: [mm]



## Typical Electrical Characteristics:



## Soldering Reflow:



Preheat condition: 150 ~200 °C / 60~180 sec.

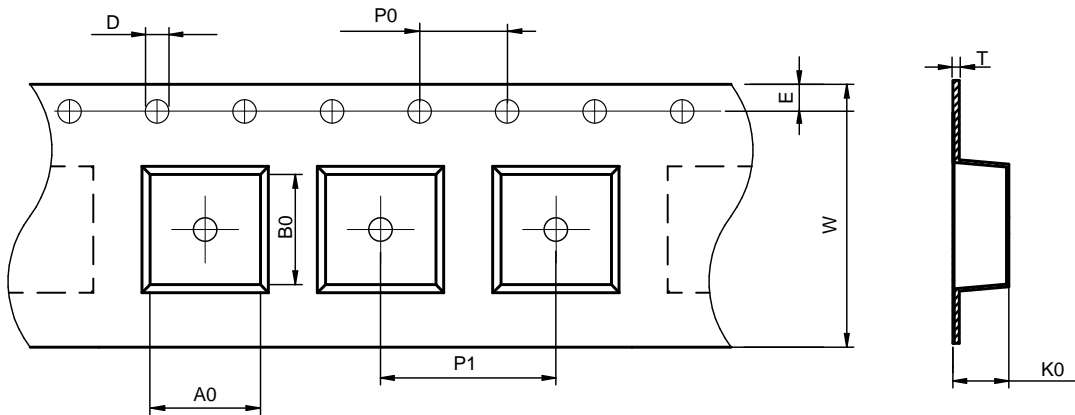
Allowed time above 217 °C: 60~150 sec.

Max temperature: 260 °C.

Max time at max temperature: 10 sec.

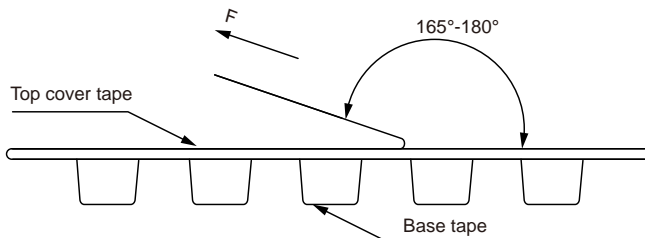
## Packaging Information:

### Tape Dimension :



Series	A0 (mm)	B0 (mm)	D (mm)	P0 (mm)	P1 (mm)	W (mm)	K0 (mm)	E (mm)	T (mm)
SCM5040	5.3± 0.1	5.3± 0.1	1.5± 0.1	4.0± 0.2	12.0± 0.1	16.0± 0.3	4.6± 0.1	1.75± 0.1	0.40± 0.05

### Peel force of top cover tape:



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

### Product Marking:

Marking	Printing Impedance)
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Reel Dimension: [mm]

Packaging Quantity:

## Cautions and Warnings:

### Storage Conditions:

- The storage period is within 12 months after the completion of production. Be sure to follow the storage conditions. Terminal electrodes may deteriorate.
- etc.
- Products should be handled with care to avoid damage or contamination from perspiration and skin oils.
- Please always handle products carefully to prevent any damage caused by dropping down or inappropriate removing.

### Operation Instructions:

- for the set thermal design.
- temperature difference between the solder temperature and chip temperature does not exceed 150°C.
- Soldering corrections after mounting should be within the range of the conditions determined in the specifications.
- does. As a result customer shall be responsible for checking and confirming whether Koher product with the not.