

# SCM L Series

## Common Mode Filter

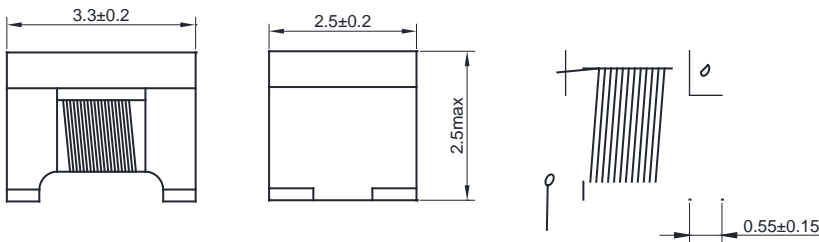
### Size 3225

#### FEATURES

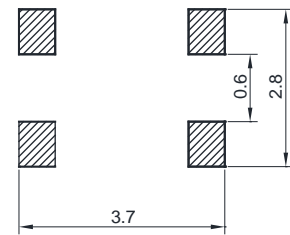
- Compact products, whose characteristics are equivalent to that of conventional products
- Common mode filters for Signal Line
- Operating temperature range: -40 to +125
- Quantity: 2000pcs

#### APPLICATION

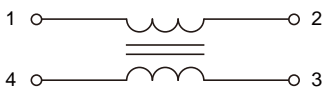
Dimensions: [mm]



Land Pattern: [mm]



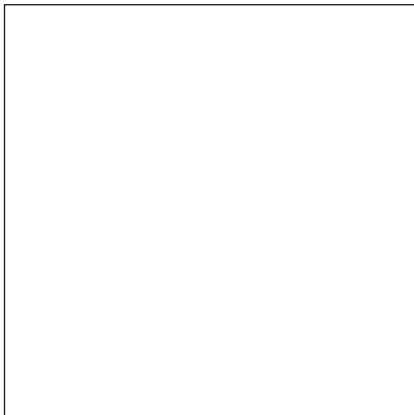
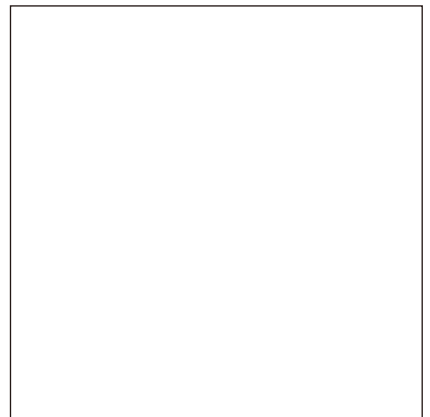
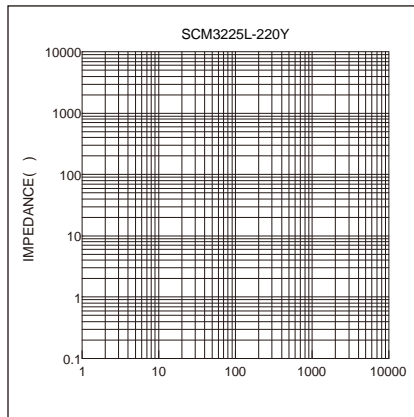
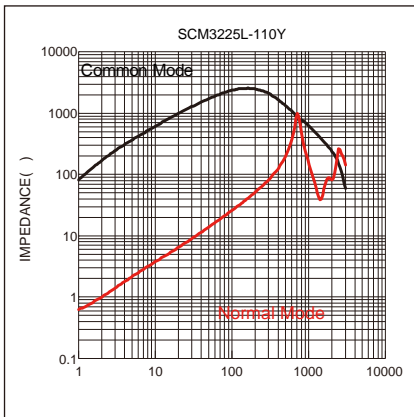
Schematic:



Electrical Properties:

| Part No       |      |      | L @ 100kHz/0.1V | Tol.     | I <sub>R</sub> Max. | R <sub>DC</sub> Max. | V <sub>DC</sub> (V) | IR |
|---------------|------|------|-----------------|----------|---------------------|----------------------|---------------------|----|
| SCM3225L-110Y | 300  | 550  | 11              | +50/-30% | 300                 | 0.4                  | 80                  | 10 |
| SCM3225L-220Y | 500  | 1100 | 22              | +50/-30% | 250                 | 0.5                  | 80                  | 10 |
| SCM3225L-510Y | 1000 | 2600 | 51              | +50/-30% | 200                 | 0.7                  | 80                  | 10 |
| SCM3225L-101Y | 2200 | 5100 | 100             | +50/-30% | 150                 | 1.5                  | 80                  | 10 |

# Typical Electrical Characteristics:



## Soldering Reflow:

Preheat condition: 150 ~200 °C / 60~120 sec.

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

Max temperature: 260 °C.

## Packaging Information:

Tape Dimension:

| Series   | A0<br>(mm) | B0<br>(mm) | D<br>(mm) | P0<br>(mm) | P1<br>(mm) | W<br>(mm) | K0<br>(mm) | E<br>(mm) | T<br>(mm) |
|----------|------------|------------|-----------|------------|------------|-----------|------------|-----------|-----------|
| SCM3225L | 2.88±0.1   | 3.72±0.1   | 1.5±0.1   | 4.0±0.1    | 4.0±0.1    | 8.0±0.3   | 2.5±0.1    | 1.75±0.1  | 0.26±0.05 |



## Cautions and Warnings:

### Storage Conditions:

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### Operation Instructions: