

# SCM Series

## Common Mode Filter

### Size 2520



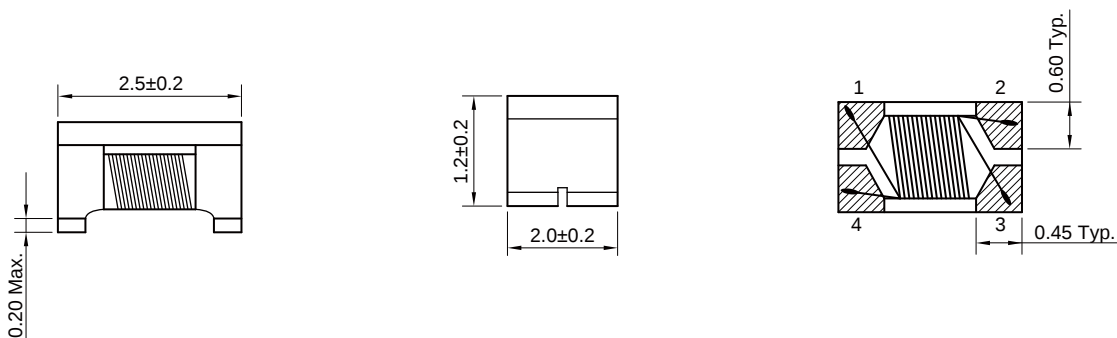
#### FEATURES

- High common mode impedance for outstanding noise suppression performance.
- Realize small size and low profile. 0\*0\*2mm
- Operating temperature -40~+125
- Excellent solderability

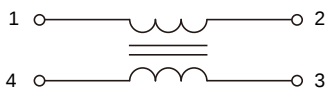
#### APPLICATIONS

- USB2.0 lines for PC, TV, Peripheral equipments
- Standard signal lines
- Audio lines

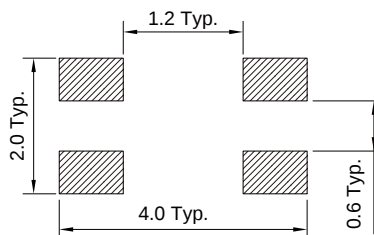
Dimensions: [mm]



Schematic:



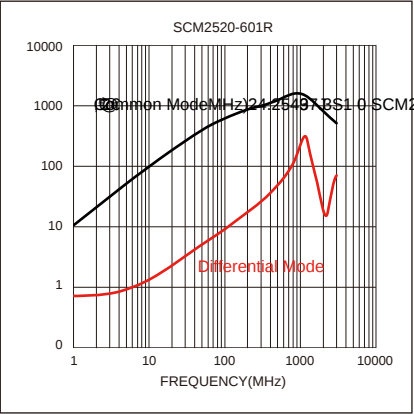
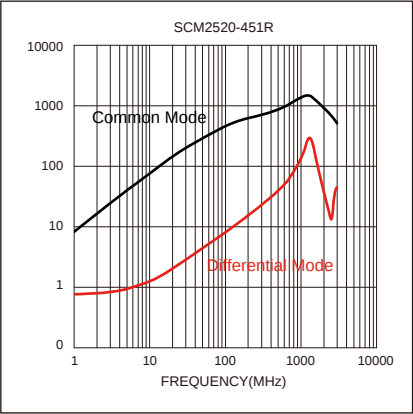
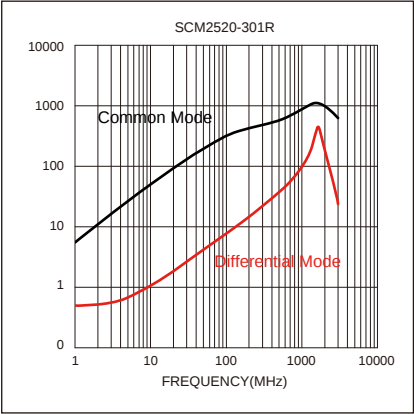
Land Pattern: [mm]



Electrical Properties:

| Part No      | Impedance<br>@ 100 MHz<br>(Ω) | Tolerance | DC Resistance<br>Max.<br>(Ω) | Rated Current<br>Max.<br>(mA) | Rated Volt<br>Max.<br>(V) | IR<br>Min.<br>(MΩ) |
|--------------|-------------------------------|-----------|------------------------------|-------------------------------|---------------------------|--------------------|
| SCM2520-301R | 300                           | ±25%      | 0.25                         | 400                           | 50                        | 10                 |
| SCM2520-451R | 450                           | ±25%      | 0.30                         | 350                           | 50                        | 10                 |
| SCM2520-601R | 600                           | ±25%      | 0.38                         | 330                           | 50                        | 10                 |
| SCM2520-102R | 1000                          | ±25%      | 0.50                         | 240                           | 50                        | 10                 |

Typical Electrical Characteristics:



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.
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Operation Instructions:

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