

SCM Series

Common Mode Filter

Size 2520



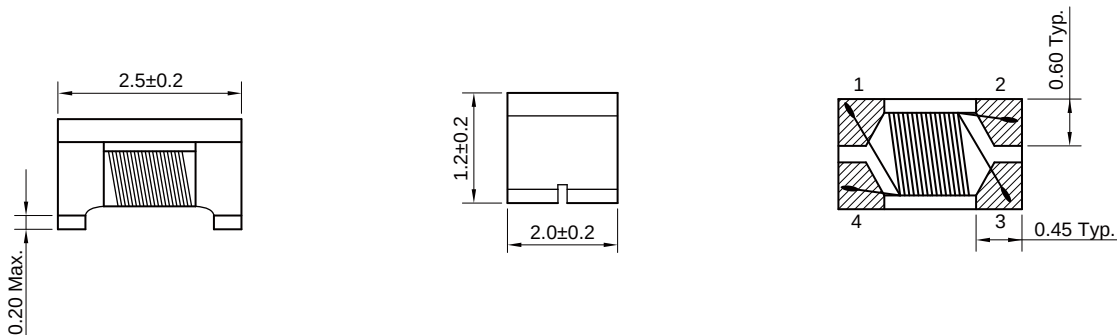
FEATURES

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

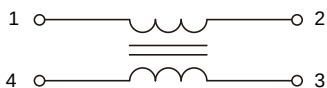
APPLICATIONS

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

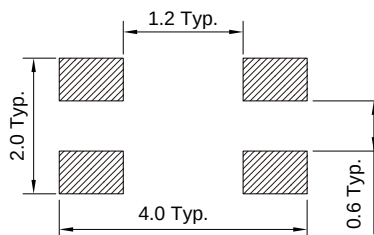
Dimensions: [mm]



Schematic:



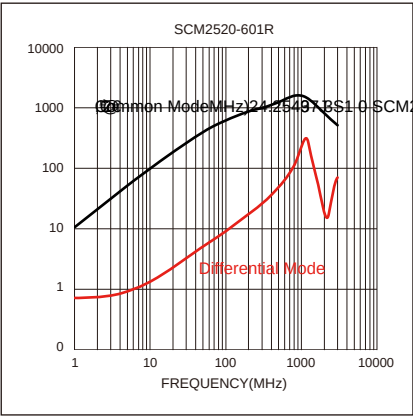
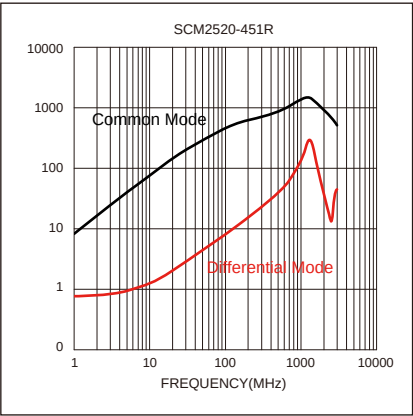
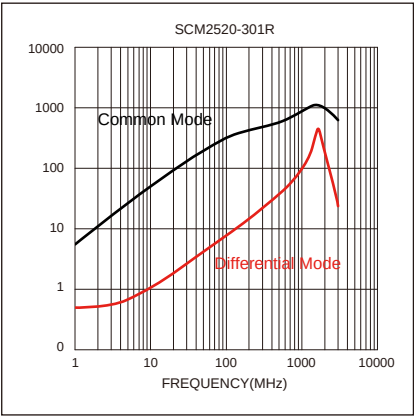
Land Pattern: [mm]



Electrical Properties:

Part No	Impedance @ 100 MHz (Ω)	Tolerance	DC Resistance Max. (Ω)	Rated Current Max. (mA)	Rated Volt Max. (V)	IR Min. (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:



Common Mode Differential Mode Common Mode Differential Mode Common Mode Differential Mode

10000 1000 100 10 1 0 1 10 100 1000 10000 1 10 100 1000 10000 1 10 100 1000 10000

1 10 100 1000 10000 1 10 100 1000 10000 1 10 100 1000 10000

FREQUENCY(MHz) FREQUENCY(MHz) FREQUENCY(MHz)

SCM2520-301R SCM2520-451R SCM2520-601R

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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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