

# Common Mode Choke Coil

Fixed Inductor for Surface Mounting

SCF2520-12NN Series

## Construction

- Ferrite Material



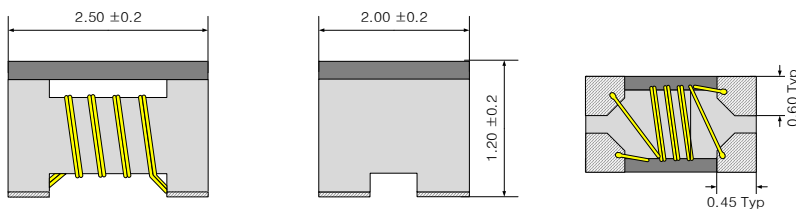
## Features

- Operating temperature  $-40 \sim +125^{\circ}\text{C}$  (Including self temperature)
- 100% Lead(Pb)& Halogen-Free and RoHS compliant
- High common mode impedance at high frequency effects excellent noise suppression performance.
- realizes small size and low profile  $2.5 \times 2.0 \times 1.2$  mm.

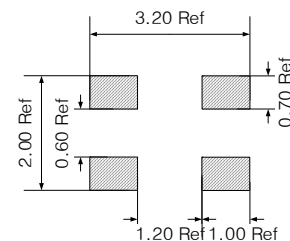
## Applications

- Power switch and servers
- USB communication
- Telecommunication applications
- Panel link for LCD panels
- Countering common mode noise affecting signals in high-speed lines

## Dimensions(Unit:mm)



## Recommended Land Pattern(Unit:mm)



## Electrical Characteristics

Ordering code	Impedance ( $\Omega$ ,100MHz)	DCR (m $\Omega$ ,MAX)	IR (M $\Omega$ ,MIN)	Rated Voltage (Vdc,MAX)	I <sub>rms</sub> (mA,MAX)
SCF2520-301V-12NN	300.0 $\pm$ 25%	250.0	10.0	50.0	260.0
SCF2520-451V-12NN	450.0 $\pm$ 25%	300.0	10.0	50.0	240.0
SCF2520-601V-12NN	600.0 $\pm$ 25%	380.0	10.0	50.0	220.0
SCF2520-801V-12NN	800.0 $\pm$ 25%	420.0	10.0	50.0	200.0
SCF2520-102V-12NN	1,000 $\pm$ 25%	500.0	10.0	50.0	200.0

### \*Notes

\*I<sub>rms</sub> : DC current (A) that will cause an approximately  $\Delta T$  of 40 °C

\*Specifications subject to change without notice. Please check our website for latest information.

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