

# Common Mode Choke Coil

Fixed Inductor for Surface Mounting

SCF4532-28NN Series

## Construction

- Ferrite Material



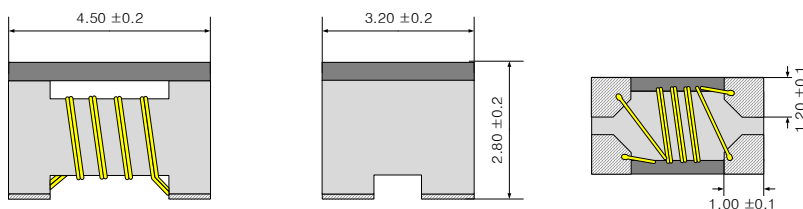
## Features

- Operating temperature -40 ~ +125°C  
(Including self - temperature rise)
- 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 4.5\*3.2\*2.8 mm.

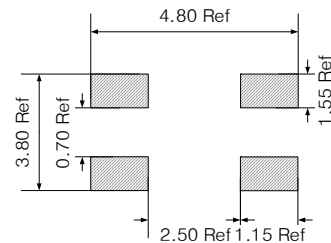
## Applications

- 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	Inductance (uH,100kHz,0.1V)	DCR (mΩ,MAX)	Impedance (Ω,MIN,10MHz)	IR (MΩ,MIN)	Rated Voltage (V,MAX,Vdc)	Irms (mA,MAX)
SCF4532-110P-28NN	11.0+50%/-30%	600.0	300.0	10.0	50.0	250.0
SCF4532-220P-28NN	22.0+50%/-30%	1,000	500.0	10.0	50.0	200.0
SCF4532-510P-28NN	51.0+50%/-30%	1,000	1,000	10.0	50.0	200.0
SCF4532-101P-28NN	100.0+50%/-30%	2,000	2,000	10.0	50.0	130.0
SCF4532-201P-28NN	200.0+50%/-30%	4,500	5,000	10.0	50.0	80.0

### \*Notes

\*Irms : 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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