

# Common Mode Choke Coil

Fixed Inductor for Surface Mounting

SCF1210-08NN Series

## Construction

- Ferrite Material



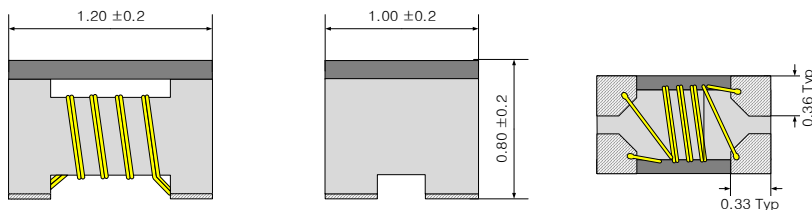
## Features

- 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  $1.2 \times 1.0 \times 0.8$  mm.

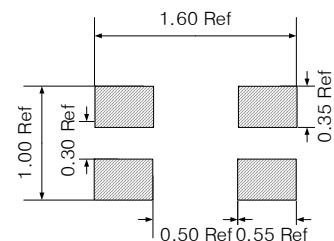
## Applications

- 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	Impedance ( $\Omega$ ,100MHz)	DCR (m $\Omega$ ,MAX)	IR (M $\Omega$ ,MIN)	Rated Voltage (Vdc,MAX)	Irms (mA,MAX)
SCF1210-200V-08NN	$20.0 \pm 25\%$	150.0	10.0	20.0	500.0
SCF1210-350V-08NN	$35.0 \pm 25\%$	180.0	10.0	20.0	430.0
SCF1210-450V-08NN	$45.0 \pm 25\%$	180.0	10.0	20.0	420.0
SCF1210-600V-08NN	$60.0 \pm 25\%$	300.0	10.0	20.0	400.0
SCF1210-900V-08NN	$90.0 \pm 25\%$	300.0	10.0	20.0	400.0
SCF1210-161V-08NN	$160.0 \pm 25\%$	400.0	10.0	20.0	260.0
SCF1210-201V-08NN	$200.0 \pm 25\%$	400.0	10.0	20.0	250.0
SCF1210-301V-08NN	$300.0 \pm 25\%$	500.0	10.0	20.0	200.0

### \*Notes

\*Irms : DC current (A) that will cause an approximately  $\Delta T$  of  $40^{\circ}\text{C}$

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

Revised 06/02/26