

Common Mode Choke Coil

Fixed Inductor for Surface Mounting

SCF3225-22NN Series

Construction

- Ferrite Material



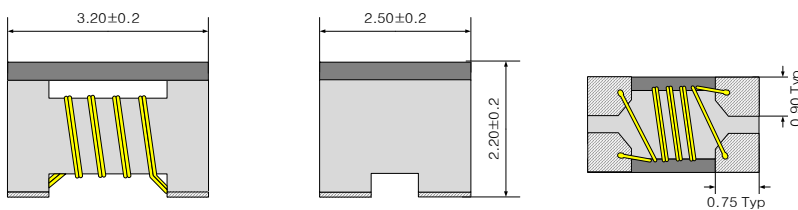
Features

- Operating temperature $-40 \sim +105^{\circ}\text{C}$
(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 $3.2 \times 2.5 \times 2.2$ mm.

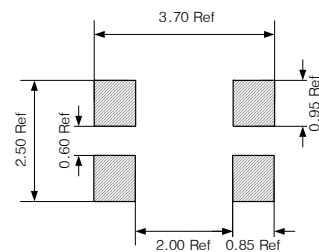
Applications

- 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	Inductance (μH ,100kHz,0.1V)	DCR ($\text{m}\Omega$,MAX)	Impedance (Ω ,MIN,10MHz)	IR ($\text{M}\Omega$,MIN)	Rated Voltage (V,MAX,Vdc)	I _{rms} (mA,MAX)
SCF3225-110P-22NN	11.0+50%/-30%	400.0	300.0	10.0	50.0	300.0
SCF3225-220P-22NN	22.0+50%/-30%	500.0	500.0	10.0	50.0	250.0
SCF3225-510P-22NN	51.0+50%/-30%	700.0	1,000	10.0	50.0	180.0
SCF3225-101P-22NN	100.0+50%/-30%	1,500	2,200	10.0	50.0	130.0
SCF3225-201P-22NN	200.0+50%/-30%	6,000	5,000	10.0	50.0	60.0

*Notes

*I_{rms} : DC current (A) that will cause an approximately ΔT of 40°C

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

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