

Common Mode Choke Coil

Fixed Inductor for Surface Mounting

SCF3225-23NC Series

Construction

- Ferrite Material

Features

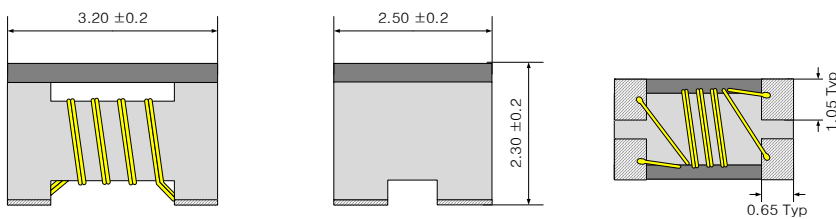
- Qualified to AEC-Q200
- Operating temperature -40 ~ +125°C
(Including self - temperature rise)
- 100% Lead(Pb)& Halogen-Free and RoHS compliant
- High common mode impedance at high frequency effects excellent noise suppression performance.
- realizes small size and low profile 3.2*2.5*2.3 mm.



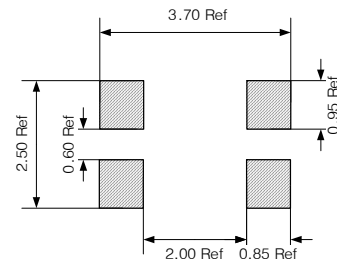
Applications

- 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)	I _{rms} (mA,MAX)
SCF3225-110P-23NC	11.0+50%/-30%	300.0	300.0	10.0	50.0	400.0
SCF3225-220P-23NC	22.0+50%/-30%	500.0	500.0	10.0	50.0	300.0
SCF3225-510P-23NC	51.0+50%/-30%	800.0	1,000	10.0	50.0	200.0
SCF3225-101P-23NC	100.0+50%/-30%	1,500	2,200	10.0	50.0	150.0
SCF3225-241P-23NC	240.0+50%/-30%	4,100	5,000	10.0	50.0	70.0

*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.

Revised 05/03/26