

Common Mode Choke Coil

Fixed Inductor for Surface Mounting

SCF3216-18NN Series

Construction

- Ferrite Material



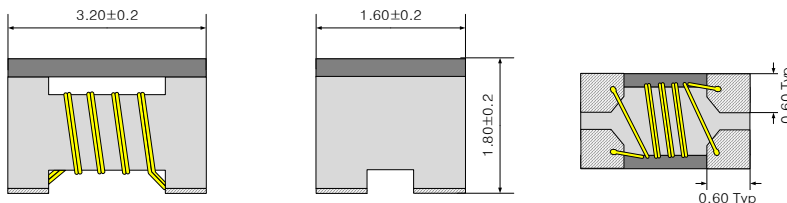
Features

- Operating temperature $-40 \sim +125^{\circ}\text{C}$
(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 $3.2*1.6*1.8$ mm.

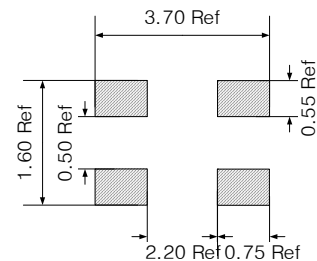
Applications

- 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 (Ω ,100MHz)	DCR (m Ω ,MAX)	IR (M Ω ,MIN)	Rated Voltage (V,MAX,Vdc)	Irms (mA,MAX)
SCF3216-500V-18NN	50.0±25%	250.0	10.0	50.0	400.0
SCF3216-900V-18NN	90.0±25%	300.0	10.0	50.0	370.0
SCF3216-161V-18NN	160.0±25%	400.0	10.0	50.0	340.0
SCF3216-261V-18NN	260.0±25%	500.0	10.0	50.0	310.0
SCF3216-361V-18NN	360.0±25%	500.0	10.0	50.0	310.0
SCF3216-601V-18NN	600.0±25%	800.0	10.0	50.0	260.0
SCF3216-102V-18NN	1,000±25%	1,000	10.0	50.0	230.0
SCF3216-142V-18NN	1,400±25%	1,000	10.0	50.0	200.0
SCF3216-222V-18NN	2,200±25%	1,200	10.0	50.0	160.0

*Notes

*Irms : 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 06/02/26