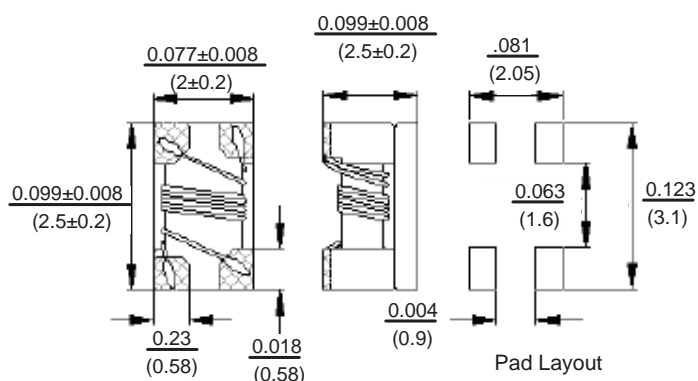


SCM15

Common Mode Choke



Dimensions: $\frac{\text{Inches}}{\text{(mm)}}$



Features

- Miniature SMD common mode filter
- Excellent noise attenuation in a small package
- Suitable for automated assembly
- Excellent solderability

Allied Part Number	Impedance Z (Ω)	Tolerance ($\pm\%$)	Test Freq. (MHz)	Rated Voltage Vdc	Insulation Resistance (M Ω) (min)	DCR Max. (Ω)	IDC (mA)
SCM15-600M-RC	600	20	100	50	10	0.45	0.3

All specifications subject to change without notice.

Electrical

Impedance range: 600 Ω

Tolerance: 20%

Test Frequency: 100Mhz

Operating Temp: -40°C ~ 105°C

IDC: Inductance drop 10% Typ. from original value with no current

DCR: Single Wire Test Value

Resistance to Solder Heat

Pre-Heat 150°C, 1 minute

Solder Composition: Sn/Ag3.0/Cu0.5

Solder Temp: 260°C peak for 10 sec.

Test time: 6 minutes

Test Equipment

(Z): HP4286A / HP4287A /

Agilent E4991A

(DCR): Chen Hwa 502BC

Insulation Resistance: HP4339B

(IDC): HP4284A with HP42841A /

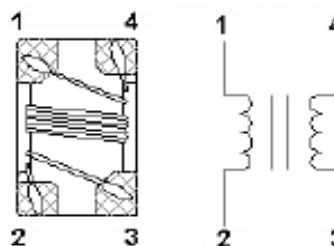
HP4285A with HP42841A

Physical

Packaging: 2000 pieces per 7 inch reel

Marking: None

SCHEMATIC



NO POLARITY EQUIVALENT CIRCUIT