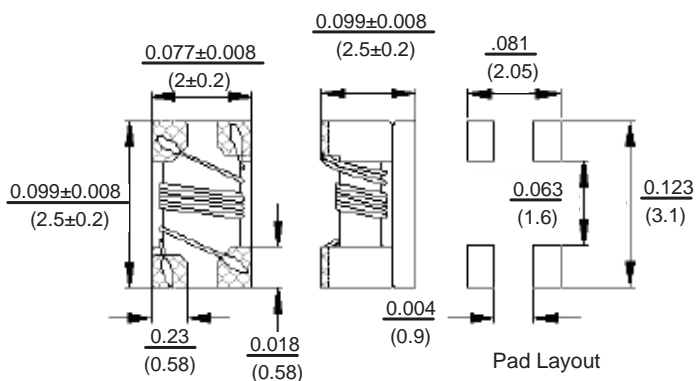


## SCM15

## 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 ( $\Omega$ )	Tolerance ( $\pm\%$ )	Test Freq. (MHz)	Rated Voltage Vdc	Insulation Resistance (M $\Omega$ ) (min)	DCR Max. ( $\Omega$ )	IDC (mA)
SCM15-601M-RC	600	20	100	50	10	0.45	0.3

All specifications subject to change without notice.

### Electrical

**Impedance range:** 600  $\Omega$

**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 /

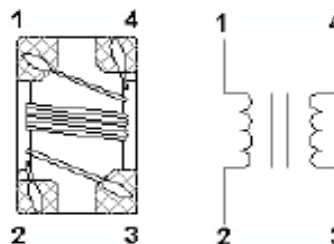
HP4285A with HP42841A

### Physical

**Packaging:** 2000 pieces per 7 inch reel

**Marking:** None

### SCHEMATIC



NO POLARITY EQUIVALENT CIRCUIT