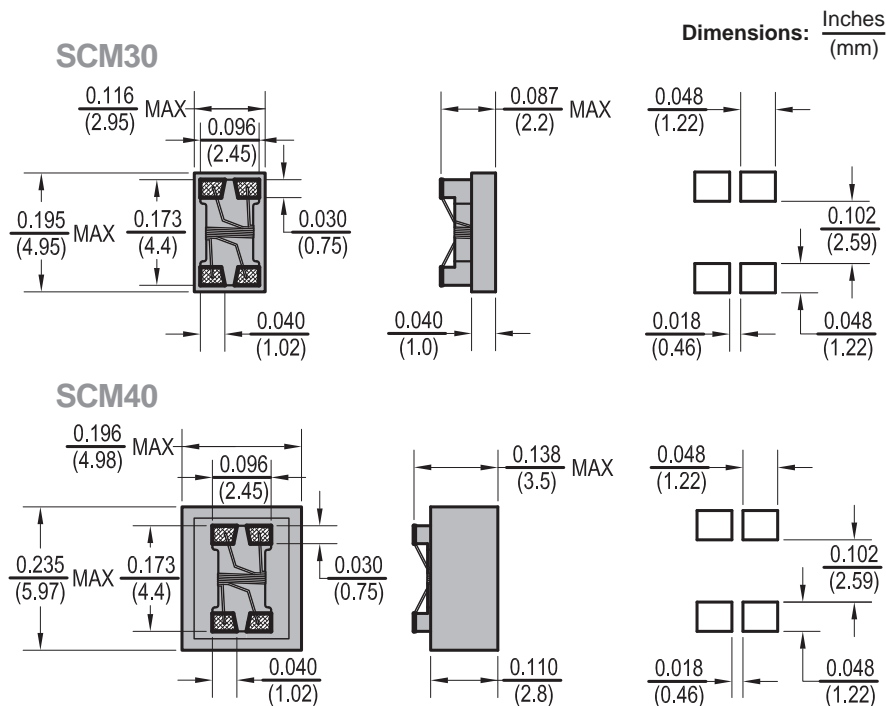


SCM30/40 Surface Mount Common Mode Choke



Features

- Miniature SMD type common mode filter
- Wide Impedance range for noise suppression
- Excellent solderability

Electrical

Impedance range: 1.2 μ H ~ 20 μ H

Tolerance: 10% over entire range

Operating Temp: -25°C ~ +85°C

IDC: Current at which the inductance drop is equal to 10% of its value.

Resistance to Solder Heat

Pre-Heat 150°C, 1 minute

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

Solder Temp: 245°C \pm 5°C for 4 sec. \pm 1 sec.

Test Equipment

(L): HP4192A

(RDC): Chen Hwa 502BC (Single Line)

(IDC): HP4284 + HP42841A or

HP4285 + HP24841A

Physical

Packaging: 2000 pieces per 7 inch reel

Marking: None

Allied Part Number	Impedance Z (Ω)	Tolerance ($\pm\%$)	Test Freq. (MHz)	Rated Voltage Vdc	Insulation Resistance (M Ω min)	DCR Max. (Ω)	IDC (mA)
SCM30							
SCM30-122K-RC	1.25	10	50	125	10	0.5	800
SCM30-422K-RC	4.20	10	10	125	10	0.8	800
SCM40							
SCM40-113K-RC	11.5	10	10	125	10	0.8	500
SCM40-203K-RC	20.0	10	10	125	10	0.8	400

All specifications subject to change without notice.

Schematic

