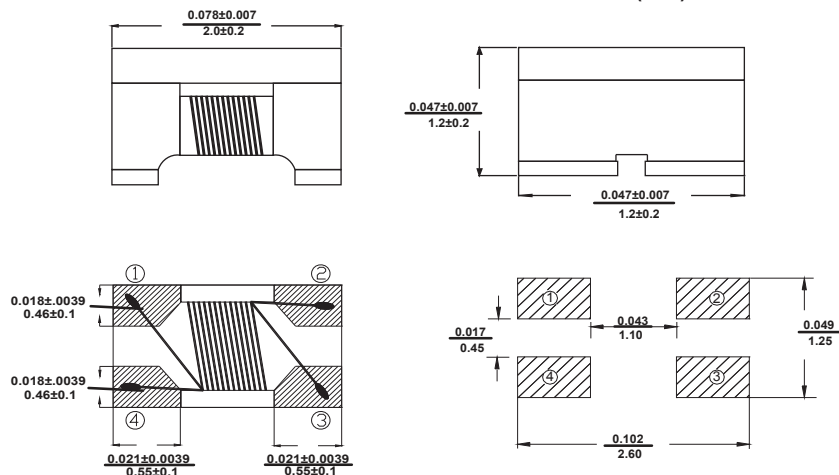




SMD Wirewound Common Mode Filter

SCM10S

Dimensions: Inches
(mm)



Recommended PCB Layout

Features

- Miniature SMD common mode filter
- Excellent noise attenuation in a small package
- Suitable for automated assembly
- SCM series offers wide impedance range
- Excellent solderability

Electrical

Impedance range: 900=90Ω
Tolerance: 25% over entire range
Test Frequency: 100Mhz
Withstand Voltage: 125Vdc Max
Operating Temp: -40°C ~ +125°C
Rated Current: ▲ T 20°C Max

Allied Part Number	Common Mode Impedance (Ω) 25%	Test Freq. (MHz.)	DC Resistance (Ω) Max	Rated Current (mA) Max	Rated Volt. (Vdc) Max	Withstand Volt. (Vdc) Max	I.R. (Ω) Min.
SCM10S-670	67	100	0.25	400	50	125	10M
SCM10S-900	90	100	0.30	400	50	125	10M
SCM10S-121	12	100	0.30	400	50	125	10M
SCM10S-161	16	100	0.35	350	50	125	10M
SCM10S-181	18	100	0.35	350	50	125	10M
SCM10S-201	20	100	0.40	300	50	125	10M
SCM10S-221	22	100	0.40	300	50	125	10M
SCM10S-261	26	100	0.40	300	50	125	10M
SCM10S-361	36	100	0.50	300	50	125	10M

Resistance to Solder Heat

Solder Time: 10±1 Second
Temp Ramp Immersion/Emmersion Rate: 25mm/S ±6mm/S
Number of Heat Cycles: 1

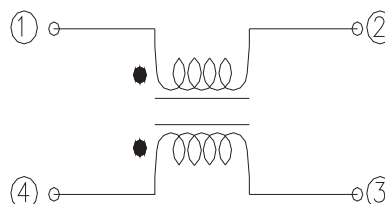
Test Equipment

(Z): HP4291A+HP16197A
(DCR): HP4338B
Insulation Resistance: HP4339

Physical

Packaging: 2000 pcs 7 inch reel
Marking: None

Schematic





SMD Wirewound Common Mode Filter **SCM10S**

Typical Impedance v.s. Frequency Curve

