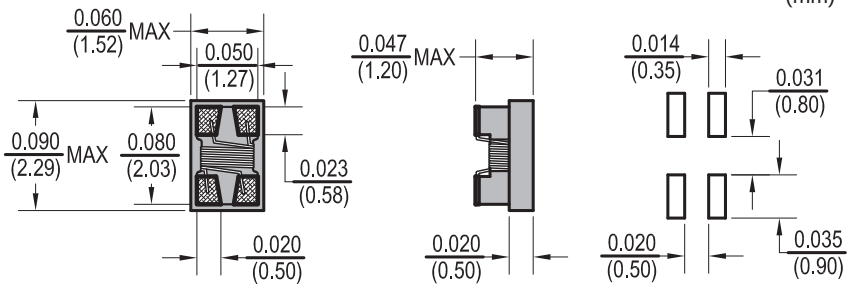
SCMHC10 Surface Mount Common Mode Choke High Current

Dimensions: Inches (mm)





Features

- Minature SMD type common mode filter
- Wide Impedance range
- Excellent solderability

Electrical

Impedance range: 30 Ω to 260 Ω
Tolerance: 20% over entire range
Operating Temp: -25ºC ~ 85ºC
IDC: Inductance drop 10% from its value without current

Resistance to Solder Heat

Pre-Heat 150ºC, 1 minute
Solder Composition: Sn/Ag3.0/Cu0.5
Solder Temp: 245ºC peak for 4 sec. ± 1 sec.

Test Equipment

(Z): HP4286A / HP4287A / Agilent E4991A
(RDC): Chen Hwa 502BC RDC (Single wire test value)
Insulation Resistance: HP4339B
(IDC): HP4284A + HP42841A / HP4285A + HP42841A

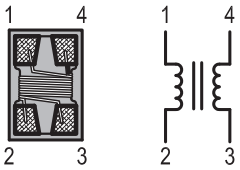
Physical

Packaging: 2000 pieces per 7 inch reel
Marking: None

Allied Part Number	Impedance Z (Ω)	Tolerance (±%)	Test Freq. (MHz)	Rated Voltage Vdc	Insulation Resistance (MΩ) (min)	DCR Max. (Ω)	IDC (mA)
SCMHC10-300M-RC	30	20	100	50	10	0.2	1300
SCMHC10-420M-RC	42	20	100	50	10	0.2	1300
SCMHC10-670M-RC	67	20	100	50	10	.25	1200
SCMHC10-900M-RC	90	20	100	50	10	.27	1000
SCMHC10-121M-RC	120	20	100	50	10	0.3	900
SCMHC10-181M-RC	180	20	100	50	10	0.4	700
SCMHC10-261M-RC	260	20	100	50	10	0.6	700

All specifications subject to change without notice.

SCHEMATIC



NO POLARITY EQUIVALENT CIRCUIT