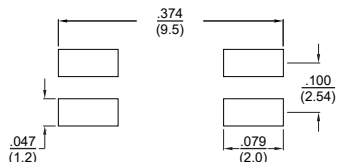
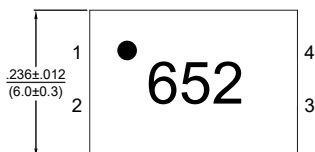




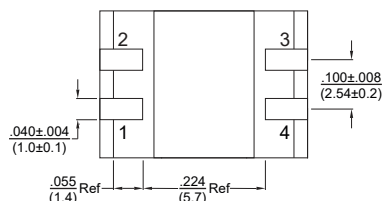
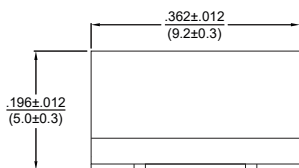
SMD Common Mode Filter

SCM0905

Dimensions: inch
(mm)



Recommended PCB Layout



Allied Part Number	Inductance (μH) ±50%	Impedance (KΩ)	Test Freq (KHz)	Leakage (nH) Typ 1MHz/1mA	DCR (Ω) Max	Rated Current (mA) Max	Insulation Test Voltage (AC) Max	Rated Voltage (V) Max
SCM0905-652-RC	6500	18.4	10	280	0.95	400	500	80

All specifications subject to change without notice.

Features

- High common mode impedance
- For EMI suppression
- Suitable for automated assembly
- Excellent solderability

Electrical

Inductance range: 6500μH
Impedance range: 18.4KΩ
Test Frequency: 10KHz, 0.05V
Rated Voltage: 80V Max
Operating Temp: -40°C to +125°C, including self-temperature rise.
Rated Current: ΔT 40°C Max.

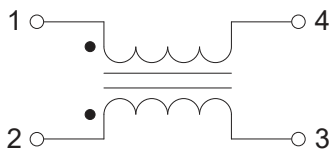
Test Equipment

|Z|: HP4291B
DCR: Chroma 16502
Insulation Resistance: Chroma 19073

Physical

Packaging: 800 pieces per 13 inch reel
Marking: Standard EIA code

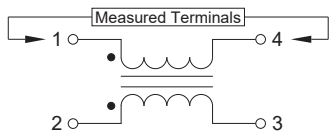
Schematic



Test Equipment

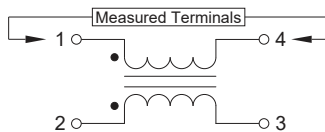
Impedance Testing

Measured with HP4291B RF Impedance Analyzer



DCR Testing

Measured with Chroma 16502 Milliohm Meter



Insulation Resistance Testing

Measured with Chroma 19073

