SCM15  Common Mode Choke

Dimensions: Inches (mm)

Features
• Miniature SMD common mode filter
• Excellent noise attenuation in a small package
• Suitable for automated assembly
• Excellent solderability

Electrical
Impedance range: 600 Ω
Tolerance: 20%
Test Frequency: 100MHz
Operating Temp: -40ºC ~ 105ºC
IDC: Inductance drop 10% Typ. from original value with no current
DCR: Single Wire Test Value

Resistance to Solder Heat
Pre-Heat 150ºC, 1 minute
Solder Composition: Sn/Ag3.0/Cu0.5
Solder Temp: 260ºC 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

<table>
<thead>
<tr>
<th>Allied Part Number</th>
<th>Impedance Z (Ω)</th>
<th>Tolerance (±%)</th>
<th>Test Freq. (MHz)</th>
<th>Rated Voltage Vdc</th>
<th>Insulation Resistance (M Ω) (min)</th>
<th>DCR Max. (Ω)</th>
<th>IDC (mA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCM15-601M-RC</td>
<td>600</td>
<td>20</td>
<td>100</td>
<td>50</td>
<td>10</td>
<td>0.45</td>
<td>0.3</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.

SCHEMATIC

NO POLARITY EQUIVALENT CIRCUIT