SCM30F SMD Wirewound Common Mode Filter

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: 51Ω to 100Ω
Tolerance: 20% over entire range
Test Frequency: 100Mhz
Withstand Voltage: 125Vdc Max
Operating Temp: -40ºC ~ +125ºC
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: Sn99.5%-Cu0.5%
Solder Temp: 245±5ºC

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

Physical
Packaging: 500 pieces per 7 inch reel
Marking: None

<table>
<thead>
<tr>
<th>Allied Part Number</th>
<th>Common Mode Inductance (µH) [10kHz]</th>
<th>DC Resistance (Ω)</th>
<th>Rated Current (mA)</th>
<th>Rated Voltage Vdc</th>
<th>IR (Ω) Min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCM30F-510-RC</td>
<td>51</td>
<td>1.0</td>
<td>200</td>
<td>50</td>
<td>10M</td>
</tr>
<tr>
<td>SCM30F-101-RC</td>
<td>100</td>
<td>2.0</td>
<td>100</td>
<td>50</td>
<td>10M</td>
</tr>
</tbody>
</table>

All specifications subject to change without notice.