Data Sheet

RF TERMINATION
Type 65_SMC-50-0-2/111_N

Description
Standard Termination, Low Power

Product Configuration

<table>
<thead>
<tr>
<th>Connector</th>
<th>SMC plug (male)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interface standards</td>
<td>IEC 60169-9_MIL-STD-348A/312_CECC 22140</td>
</tr>
</tbody>
</table>

Technical Data

**Electrical Data**
- Nominal Impedance: 50 Ω
- Frequency range: 0 to 6 GHz
- Frequency sub range: DC to 3 GHz, 3 to 6 GHz
- VSWR max.: 1.1, 1.22
- Power rating: 1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 85 °C ambient temperature.

**Mechanical Data**
- Weight: 0.0015 kg
- Matings: 100

**Environmental Data**
- Operating temperature: -40 °C to 85 °C compliant
- 2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

**Material Data**

<table>
<thead>
<tr>
<th>Piece Part</th>
<th>Material</th>
<th>Surface Plating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centre contact</td>
<td>Copper Beryllium Alloy</td>
<td>SUCOPRO Plating</td>
</tr>
<tr>
<td>Outer contact</td>
<td>Brass</td>
<td>SUCOPRO Plating</td>
</tr>
<tr>
<td>Body</td>
<td>Brass</td>
<td>SUCOPRO Plating</td>
</tr>
<tr>
<td>Insulator</td>
<td>PTFE (Polytetrafluoroethylene)</td>
<td></td>
</tr>
<tr>
<td>Coupling nut</td>
<td>Brass</td>
<td>Gold Plating (Nickel underplated)</td>
</tr>
</tbody>
</table>

**Related Documents**

- Outline drawing: DOU-00008685
- Packaging
  - Single Packaging: 65_SMC-50-0-2/111_NE