Data Sheet

Coaxial PCB Connector
1x8A_81_MXP-S50-0-1/111_N

Description

Straight PCB plug Pin-in-hole/SMT

Interface Standards
HUBER+SUHNER MXP STD (Patent US 8,360,807)

Technical Data

Electrical Data
- Impedance: 50 Ω
- Interface frequency max.: 40 GHz
- Frequency range: DC to 22.5 GHz
- Return loss: ≥ 20 dB

Mechanical Data
- Board mounting type: pin-in-hole / SMT
- Weight: 0.0071 kg

Environmental Data
- Operating temperature: -55 °C to 85 °C
- 2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

Material Data

<table>
<thead>
<tr>
<th>Piece Parts</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>Bronze</td>
<td>SUCOPRO Plating</td>
</tr>
<tr>
<td>Body</td>
<td>Brass</td>
<td>SUCOPRO Plating</td>
</tr>
<tr>
<td>Insulator</td>
<td>PEEK (Polyether-etherketone)</td>
<td></td>
</tr>
</tbody>
</table>

Related Documents

- Outline drawing: DOU-00145659
- Catalogue drawing: DCA-00160728

Ordering Information

- Single package: 1x8A_81_MXP-S50-0-1/111_NE
- Tape and Reel package: 1x8A_81_MXP-S50-0-1/111_NM

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, AS/EN9100, ISO/TS 16949 and IRIS.

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