Product Classification

Product Type  Adapter

General Specifications

Interface  7-16 DIN Female
Interface 2  7-16 DIN Female
Body Style  Straight
Mounting Angle  Straight

Electrical Specifications

Connector Impedance  50 ohm
Operating Frequency Band  0 – 7500 MHz
Average Power at Frequency  1,300.0 W @ 900 MHz
RF Operating Voltage, maximum (vrms)  1200.00 V
dc Test Voltage  4000 V
Outer Contact Resistance, maximum  1.50 mOhm
Inner Contact Resistance, maximum  0.40 mOhm
Insulation Resistance, minimum  10000 MOhm
Peak Power, maximum  28.80 kW
Outline Drawing

Mechanical Specifications

Inner Contact Plating: Silver
Insertion Force: 200.00 N | 44.96 lbf
Insertion Force Method: IEC 61169-4:15.2.4
Interface Durability: 500 cycles
Interface Durability Method: IEC 61169-4:9.5
Outer Contact Plating: Trimetal
Pressurizable: No

Dimensions

Diameter: 34.00 mm | 1.34 in
Length: 29.20 mm | 1.15 in
Weight: 88.65 g | 0.20 lb
Width: 30.00 mm | 1.18 in

Environmental Specifications

Operating Temperature: -55 °C to +85 °C (-67 °F to +185 °F)
Storage Temperature: -65 °C to +125 °C (-85 °F to +257 °F)
Mechanical Shock Test Method  IEC 60068-2-27
Climatic Sequence Test Method  IEC 60068-1
Damp Heat Steady State Test Method  IEC 60068-2-3
Thermal Shock Test Method  IEC 60068-2-14
Vibration Test Method  IEC 60068-2-6
Corrosion Test Method  IEC 60068-2-11

Standard Conditions

| Attenuation, Ambient Temperature | 20 °C | 68 °F |
| Average Power, Ambient Temperature | 40 °C | 104 °F |
| Average Power, Inner Conductor Temperature | 100 °C | 212 °F |

Return Loss/VSWR

<table>
<thead>
<tr>
<th>Frequency Band</th>
<th>VSWR</th>
<th>Return Loss (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0–3000 MHz</td>
<td>1.03</td>
<td>36.00</td>
</tr>
<tr>
<td>3000–6000 MHz</td>
<td>1.08</td>
<td>28.00</td>
</tr>
</tbody>
</table>

Regulatory Compliance/Certifications

Agency
- RoHS 2011/65/EU
- ISO 9001:2015
- China RoHS SJ/T 11364-2014

Classification
- Compliant by Exemption
- Designed, manufactured and/or distributed under this quality management system
- Above Maximum Concentration Value (MCV)