



All dimensions are in mm; tolerances according to ISO 2768 m-H

**Interface**

Mechanically compatible with RPC-3.50 and SMA

**Documents**

N/A

**Material and plating**

**Connector parts**

Center contact  
Outer contact  
Dielectric  
Substrate

**Material**

Beryllium copper  
Stainless steel  
PEEK  
Al<sub>2</sub>O<sub>3</sub>

**Plating**

Gold, min. 1.27 µm, over nickel  
Passivated

**Electrical data**

Impedance	75 Ω
Frequency	DC to 40 GHz
VSWR	1.5 ± 0.05, DC to 20 GHz 1.5 ± 0.08, 20 GHz to 40 GHz
Center contact resistance	≤ 3.0 mΩ
Outer contact resistance	≤ 2.0 mΩ
Power handling	0.5 W at 25°C derated linearity by 0.005 W/K

**Mechanical data**

Mating cycles	≥ 500
Center contact captivation	≥ 22 N
Coupling test torque	1.70 Nm
Recommended torque	0.80 Nm to 1.10 Nm
Gauge	0.00 – 0.08

**Environmental data**

Temperature range	-40°C to +85°C
2002/95/EC (RoHS)	compliant

**Tooling**

N/A

**Suitable cables**

N/A

**Packing**

Standard	1pce in bag
Weight	6.2 g/pce

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
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