



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

**Interface**

Compatible to

IEC 61169-8, MIL-PRF-39012, CECC 22120

**Documents**

PCB layout

B 32

**Material and plating**

**Connector parts**

- Center contact
- Outer contact
- Body
- Dielectric

**Material**

- Spring bronze
- Brass
- Brass
- PTFE

**Plating**

- AuroDur®, gold plated
- Nickel, 2.5-5 μm
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**Electrical data**

Impedance	75 Ω
Frequency	DC to 4 GHz
Return loss	≥ 18 dB @ DC to 4 GHz
Insertion loss	≤ 0.05 x √ f [GHz] dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 1.5 mΩ
Outer contact resistance	≤ 1 mΩ
Test voltage (at sea level)	1500 V rms
Working voltage (at sea level)	400 V rms
Power handling (at 20 °C, sea level, VSWR 1.0)	80 W @ 2 GHz

- VSWR in application depends decisive on PCB layout -

**Mechanical data**

Mating cycles	≥ 500
Center contact captivation: axial	≥ 15 N

**Environmental data**

Temperature range	-45 °C to +85 °C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion resistance	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition G
Moisture resistance	MIL-STD-202, Method 106
Max. soldering temperature	IEC 61760-1, +260 °C for 10 sec.
RoHS	compliant

**Tooling**

N/A

**Suitable cables**

N/A

**Weight**

Weight	8.7 g/pce
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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
Inge Mühlauer	27.07.04	E_Schwangler	20.05.14	d00	14-0735	A_Wallner	20.05.14

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