



All dimensions are in mm; tolerances acc. ISO 2768 m-H

Interface

According to MIL-STD-348

Documents

PCB layout B 229

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

Brass
Brass
PTFE

Plating

AuroDur®, gold plated
AuroDur®, gold plated

Electrical data

Impedance	50 Ω
Frequency	DC to 26.5 GHz
Return loss	≥ 26 dB @ DC to 6 GHz ≥ 21 dB @ 6 GHz to 12 GHz
Insertion loss	≤ 0.05 x √f [GHz] dB @ DC to 12 GHz
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 6.0 mΩ
Outer contact resistance	≤ 2.0 mΩ
Test voltage (at sea level)	500 V rms
Working voltage (at sea level)	335 V rms
Contact Current	≤ 1.2A DC

- VSWR in application depends decisive on PCB layout

Mechanical data

Mating cycles	≥ 500
Center contact captivation	≥ 7 N
Engagement force	
- Limited detent	≤ 45 N
Disengagement force	
- Limited detent	≥ 9 N

Environmental data

Temperature range	-65 °C to +155 °C
Thermal shock	MIL-STD-202, Method 107, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition A
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 0.5 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.

For the installation of the electrotechnical equipment, particular electrotechnical expertise is required.



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