



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

Interface

According to MIL-STD-348A, Fig. 326

Documents

N/A

Material and plating

Connector parts

- Center contact
- Outer contact - plug
- Outer contact - jack
- Dielectric
- Substrate

Material

- Beryllium copper
- Brass
- Beryllium copper
- PTFE
- Al₂O₃

Plating

- Gold, min. 1.27 µm, over chemical nickel
- Gold, min. 0.8 µm, over chemical nickel
- Gold, min. 0.8 µm, over chemical nickel

Electrical data

Impedance	50 Ω
Frequency	DC to 18 GHz
Return loss	≥ 20.8 dB, DC to 4 GHz ≥ 16.5 dB, 4 to 12.4 GHz ≥ 14 dB, 12.4 to 18 GHz
Attenuation	20 dB
Tolerances	± 0.3 dB
Center contact resistance	≤ 6.0 mΩ
Outer contact resistance	≤ 2.0 mΩ
Power handling	0.5 W at 25°C derated linearity by 0.01 W/K

Mechanical data

Mating cycles	
if mating part is limited detent	≥ 500
Center contact captivation	≥ 7 N
Engagement force	
- limited detent	45 N max.
Disengagement force	
- limited detent	9 N min.

Environmental data

Temperature range	-55°C to +155°C
2002/95/EC (RoHS)	compliant

Tooling

N/A

Suitable cables

N/A

Packing

Standard	10 pcs in bag
Weight	3.23 g

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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