



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

Interface

According to IEC 60169-10, CECC 22130, US MIL-C-39012

Documents

N/A

Material and plating

Connector parts

Center contact
Outer contact
Dielectric
Substrate

Material

Brass
Brass
PTFE
Al₂O₃

Plating

Gold, min. 1.27 μ m, over nickel
Gold, min. 0.8 μ m, over nickel

Electrical data

Impedance	50 Ω
Frequency	DC to 6 GHz
Return loss	≥ 23.1 dB, DC to 2.5 GHz ≥ 17.0 dB, 2.5 GHz to 6 GHz
Center contact resistance	≤ 5 mΩ
Outer contact resistance	≤ 2.5 mΩ
Contact current	1.5 A DC typ.
Power handling	1 W at 25°C derated linearity to 0 Watts at 125°C

Mechanical data

Mating cycles	≥ 500
Center contact captivation: axial	≥ 10 N
Engagement force	≤ 63 N
Disengagement force	8 N min. to 63 N max.

Environmental data

Temperature range	-55°C to +155°C
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Tooling

N/A

Suitable cables

N/A

Packing

Standard	100 pcs in bag
Weight	0.9 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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