



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

Interface

According to IEC 60169-16, MIL-PRF-39012, CECC 22210

Documents

N/A

Material and plating

Connector parts

Center contact
Outer contact
Coupling nut
Dielectric
Substrate

Material

Brass
Brass
Brass
PTFE
Al₂O₃

Plating

Gold, min. 1.27 µm, over nickel
Flash white bronze over silver(e.g. Optargen®)
Flash white bronze over silver(e.g. Optargen®)

Electrical data

Impedance	50 Ω
Frequency	DC to 12.4 GHz
Return loss	≥ 32.2 dB, DC to 1 GHz ≥ 26.4 dB, 1 GHz to 2 GHz ≥ 20.8 dB, 2 GHz to 12.4 GHz
Center contact resistance	≤ 1 mΩ
Outer contact resistance	≤ 0.25 mΩ
Power handling	1 W at 25°C derated linearity to 0 Watts at 125°C

Mechanical data

Mating cycles	min. 500
Center contact captivation	≥ 28 N
Coupling test torque	max. 1.7 Nm
Recommended torque	0.7 Nm to 1.1 Nm

Environmental data

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

N/A

Suitable cables

N/A

Packing

Standard	1 pce in bag
Weight	40.0 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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