



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
Body
Dielectric
Heatsinks
Substrate

Material

Brass
Brass
Brass
PTFE
AL
ALN

Plating

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

Electrical data

Impedance	50 Ω
Frequency	DC to 5 GHz
Return loss	≥ 40.1 dB, DC to 0.5 GHz ≥ 34.1 dB, 0.5 GHz to 1 GHz ≥ 26.4 dB, 1 GHz to 3 GHz ≥ 23.1 dB, 3 GHz to 5 GHz
Center contact resistance	≤ 1 mΩ
Outer contact resistance	≤ 0.25 mΩ
Power handling	40 W at 25°C derated linearity to 0 Watts at 125°C

Mechanical data

Mating cycles	min. 500
Coupling nut retention	≥ 450 N
Coupling test torque	max. 1.7 Nm
Recommended torque	0.7 Nm to 1.1 Nm

Environmental data

Temperature range	-55°C to +125°C
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Tooling

N/A

Suitable cables

N/A

Packing

Standard	1 pce in bag
Weight	265 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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