



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

Interface

According to IEC 61169-32
Mechanically compatible with RPC-2.40

Documents

Panel piercing B 58

Material and plating

Connector parts

Center contact
Outer contact
Body
Dielectric
Hermetic bead
Gasket

Material

CuBe
Stainless steel
Brass
PS
Glass
Silicone

Plating

AuroDur®, gold plated
Passivated
AuroDur®, gold plated

Electrical data

Impedance	50 Ω
Frequency	DC to 70 GHz
Return loss	≥ 12 dB, DC to 70 GHz
Insertion loss	≤ 0.1 x √f(GHz) dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 4.0 mΩ
Outer contact resistance	≤ 2.5 mΩ
Test voltage	500 V rms
Working voltage	150 V rms
RF-leakage	≥ 100 dB up to 1 GHz

Mechanical data

Mating cycles	≥ 500
Center contact captivation	≥ 20 N
Coupling test torque	1.65 Nm
Recommended torque	0.80 Nm to 1.10 Nm
Recommended torque for Hexagon nut	2.5 Nm

Environmental data

Temperature range	-40°C to +85°C
Thermal shock	IEC 61169-1, Subclause 9.4.4
Corrosion	IEC 61169-1, Subclause 9.4.6
Vibration	IEC 61169-1, Subclause 9.3.3
Shock	IEC 61169-1, Subclause 9.3.14
Moisture resistance	IEC 61169-1, Subclause 9.4.3
Hermeticity	≤ 10 ⁻⁶ mbar x l/s
RoHS	compliant

Tooling

N/A

Suitable cables

N/A

Weight

8.40 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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