



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

Interface

According to IEC 60169-54

Documents

N/A

Material and plating

Connector parts

Center contact
Outer contact
Contact spring
Body
Dielectric
Substrate

Material

CuBe
Stainless steel
CuBe or equiv.
Brass
PTFE
Al₂O₃

Plating

Gold, min. 1.27 µm, over nickel
Passivated
Silver, 3-6 µm
White bronze(e.g. Optalloy®)

Electrical data

Impedance 50 Ω
 Frequency DC to 6 GHz
 Return loss ≥ 36 dB, DC to 2 GHz
 ≥ 26.5 dB, 2 GHz to 6 GHz
 Power handling 1 W at 25°C
 derated linearity to 0 Watts at 125°C

Mechanical data

Mating cycles ≥ 500
 Maximum torque 5 Nm
 Recommended torque 2 Nm
 Gauge 3.10 mm to 3.25 mm

Environmental data

Temperature range -40 °C to +85 °C
 RoHS compliant

Packing

Standard 1 pce in bag
 Weight 74 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 |
|----------------|----------|---------------|----------|------|---------------------------|------------------|----------|
| Marcel Panicke | 20.03.15 | Markus Müller | 05.10.16 | c00 | 16-1659 | Marion Striegler | 05.10.16 |

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