



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

Interface

According to N/A

Documents

N/A

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

Brass
Brass
PPE

Plating

Gold, min. 0.8 µm, over chemical nickel
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RF_35/09_14/6.2

Electrical data

Impedance 50 Ω
 Frequency DC to 18 GHz
 Return loss ≥ 54 dB, DC to 2 GHz
 ≥ 37 dB, 2 to 18 GHz
 Insertion loss ≤ 0.02 dB

Mechanical data

Center contact captivation ≥ 28 N
 Inner/outer ring coplanarity ± 0.015 mm

Environmental data

Temperature range -40°C to +85°C
 Thermal shock MIL-STD-202, Method 107, Condition B
 Corrosion MIL-STD-202, Method 101, Condition B
 Vibration MIL-STD-202, Method 204, Condition D
 Shock MIL-STD-202, Method 213, Condition I
 Moisture resistance MIL-STD-202, Method 106
 RoHS compliant

Tooling

N/A

Suitable cables

N/A

Weight

0.77 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
H. Babinger	05.08.04	F. Reiner	02.07.18	c01	18-1026	M. Ruf	29.06.18