



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

Interface

N/A

Documents

Test procedure 02 PV-E001

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

Kovar
Kovar
Corning 7070 glass

Plating

Gold, min. 1.27 µm, over chemical nickel
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Electrical data

Impedance	50 Ω ± 2 Ω
Frequency	DC to 40 GHz
Return loss	≥ 19 dB, DC to 40 GHz
Insertion loss	≤ 0.1 x √f(GHz) dB
Insulation resistance	≥ 10 GΩ
Dielectric withstanding voltage	500 V rms

- Test of scattering parameters in according to Rosenberger test procedure 02 PV-E001 -

Mechanical data

Center contact captivation	≥ 5 N
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Environmental data

Temperature range	-65°C to +165°C
Max. soldering temperature	+300°C
Hermeticity	≤ 10 ⁻⁸ mbar x l/s
RoHS	compliant

Tooling

N/A

Suitable cables

N/A

Weight

0.02 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	23.02.05	F. Reiner	26.06.18	f01	18-1026	M. Ruf	25.06.18