



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

Interface

According to EN 122 170, IEC 60169-19

Documents

Panel piercing B 35

Material and plating

Connector parts

Center contact
Outer contact
Body
Dielectric

Material

Beryllium copper
Beryllium copper
Brass
PTFE

Plating

Gold, min. 1.27 µm, over nickel
Gold, min. 0.8 µm, over nickel
Gold, 0.1 µm min.

Electrical data

Impedance	50 Ω
Frequency	DC to 3 GHz
Return loss	≥ 17 dB, DC to 3 GHz
Insertion loss	≤ 0.1 x √f(GHz) dB
Insulation resistance	≥ 1x10 ³ MΩ
Center contact resistance	≤ 5 mΩ
Outer contact resistance	≤ 2.5 mΩ
Test voltage	500 V rms
Working voltage	175 V rms
RF-leakage	≥ 40 dB up to 1 GHz

- VSWR in application depends decisive on PCB layout -

Mechanical data

Mating cycles	≥ 500
Center contact captivation	≥ 8 N
Engaging and disengaging force	8 N to 27 N

Environmental data

Temperature range	-55°C to +155°C
Climatic class	IEC 60068-2-1 55/155/21 IEC 60068-2-2 IEC 60068-2-3
Vibration	IEC 60068-2-6 10 Hz to 500 Hz, 98m/s ²
Max. soldering temperature	IEC 61760-1, +260°C for 10 sec.

Tooling

N/A

Suitable cables

N/A

Packing

Standard	200 pcs in blister
Weight	0.92 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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