



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

Interface

Compatible to IEC 60169-8, MIL-PRF-39012, CECC 22120

Documents

Panel piercing B 2

Material and plating

Connector parts

Center contact
Outer contact
Body
Dielectric

Material

Spring bronze
Brass
Brass
PTFE

Plating

Gold, min. 0.8 µm, over nickel
Flash white bronze over silver(e.g. Optargen®)
Flash white bronze over silver(e.g. Optargen®)

**BNC 75 Ω BULKHEAD JACK
SOLDER END**

www.pewtronic.cz
PLU010105

Electrical data

Impedance 75 Ω
 Frequency DC to 4 GHz
 Return loss ≥ 17 dB, DC to 1 GHz
 ≥ 14 dB, 1 to 4 GHz
 Insertion loss ≤ 0.1 x √ f [GHz] dB, DC to 4 GHz
 Insulation resistance ≥ 5 x10³ MΩ
 Center contact resistance ≤ 1.5 mΩ
 Outer contact resistance ≤ 1 mΩ
 Test voltage 1500 V rms
 Working voltage 400 V rms
 Power handling (at 20 °C, sea level, VSWR 1.0) ≤ 80 W @ 2 GHz

Mechanical data

Mating cycles min. 500
 Center contact captivation: axial ≥ 15 N

Environmental data

Temperature range -45°C to +85°C
 Thermal shock MIL-STD-202, Meth. 107, Cond. B
 Corrosion MIL-STD-202, Meth. 101, Cond. B
 Vibration MIL-STD-202, Meth. 204, Cond. B
 Shock MIL-STD-202, Meth. 213, Cond. G
 Moisture resistance MIL-STD-202, Meth. 106
 2002/95/EC (RoHS) compliant

Tooling

N/A

Suitable cables

N/A

Packing

Standard 1 pce in bag
 Weight 8.9 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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