



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

Interface

According to IEC 60169-17, MIL-PRF-39012, DIN EN 122200

Documents

Assembly instruction 51 S2
Panel piercing B 3

Material and plating

Connector parts

Center contact
Outer contact
Body
Dielectric
Gasket

Material

Spring bronze
Brass
Brass
PTFE
Silicone

Plating

AuroDur®, gold plated
Flash white bronze over silver(e.g. Optargen®)
Flash white bronze over silver(e.g. Optargen®)

TNC 50 Ω

BULKHEAD JACK

56K611-272N5

Electrical data

Impedance 50 Ω
 Frequency DC to 10 GHz
 Return loss ≥ 34 dB, DC to 2 GHz
 ≥ 25 dB, 2 to 4 GHz
 ≥ 20 dB, 4 to 10 GHz
 Insertion loss ≤ 0.05 dB
 Insulation resistance ≥ 5 GΩ
 Center contact resistance ≤ 1.5 mΩ
 Outer contact resistance ≤ 1 mΩ
 Test voltage 1500 V rms
 Working voltage 500 V rms
 Power handling (at 20 °C, sea level, VSWR 1.0) ≤ 80 W @ 2 GHz

- Limitations are possible due to the used cable type -

Mechanical data

Mating cycles min. 500
 Center contact captivation: axial ≥ 15 N
 Coupling test torque max. 1.7 Nm
 Recommended torque 0.46 Nm to 0.69 Nm

Environmental data

Temperature range -45 °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 B
 Shock MIL-STD-202, Method 213, Condition G
 Moisture resistance MIL-STD-202, Method 106
 RoHS compliant

Tooling

N/A

Suitable cables

RG 402 /U, UT 141-SA-M17

Weight

Weight 16.7 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
Inge Mühlauer	10.08.04	Sa. Krautenbacher	20.03.14	f00	14-0352	T. Krojer	20.03.14
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