



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

**Interface**

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

**Documents**

N/A

**Material and plating**

**Connector parts**

- Center contact jack side
- Center contact plug side
- Outer contact
- Body
- Dielectric
- Gasket

**Material**

- Spring bronze
- Brass
- Brass
- Brass
- PTFE
- NeopreneCR 50C6

**Plating**

- AuroDur®, gold plated
- Gold, min. 0.15  $\mu\text{m}$ , over chemical nickel
- Flash white bronze over silver(e.g. Optargen®)
- Flash white bronze over silver(e.g. Optargen®)

**ADAPTOR  
BNC 75 Ω JACK – PLUG - JACK**

**71S301-K00N5**

**Electrical data**

Impedance	75 Ω
Frequency	DC to 4 GHz
Insulation resistance	≥ 5 x10 <sup>3</sup> 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	22.6 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	03/08/04	J. Krautenbacher	13/06/08	d00	07-0154	S. Huber-Siegl	13/06/08
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