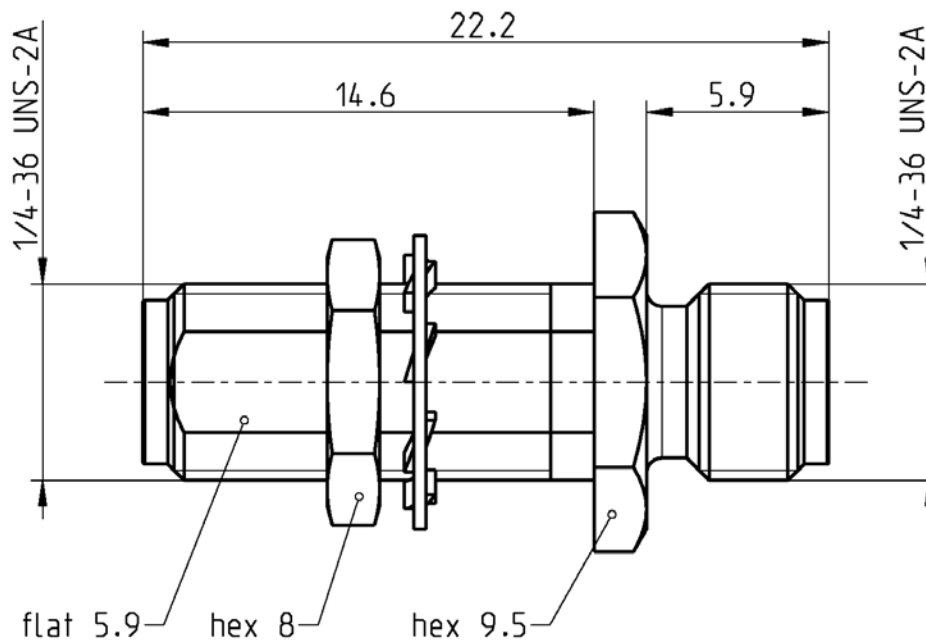




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to IEC 60169-15; EN 122110; MIL-STD-348A, Fig. 310

Documents

Panel piercing B 56

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

Beryllium copper
Stainless steel
PTFE

Plating

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

ADAPTOR
SMA JACK – JACK
32K621-K00E3**Electrical data**

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR	$\leq 1.05 + 0.005 \times f \text{ [GHz]}$
Insertion loss	$\leq 0.03 \times \sqrt{f(\text{GHz})} \text{ dB}$
Insulation resistance	$\geq 5 \times 10^3 \text{ M}\Omega$
Center contact resistance	$\leq 3 \text{ m}\Omega$
Outer contact resistance	$\leq 2 \text{ m}\Omega$
Test voltage	1000 V rms
Working voltage	480 V rms
Power handling (at 20 °C, sea level, VSWR 1.0)	$\leq 200 \text{ W @ 2 GHz}$
RF-leakage	$\geq 100 \text{ dB up to 1 GHz}$

Mechanical data

Mating cycles	min. 500
Center contact captivation: axial	$\geq 27 \text{ N}$
radial	$\geq 3 \text{ Ncm}$
Coupling test torque	max. 1.7 Nm
Recommended torque	0.8 Nm to 1.1 Nm

- Panel thickness max. 6.4 mm -

Environmental data

Temperature range	-65°C to +165°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. D
Shock	MIL-STD-202, Meth. 213, Cond. I
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	3.4 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
Rong Fang	31/03/04	J.Krautenbacher	27/09/06	c00	06-0478	S_Kra.	27/09/06

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