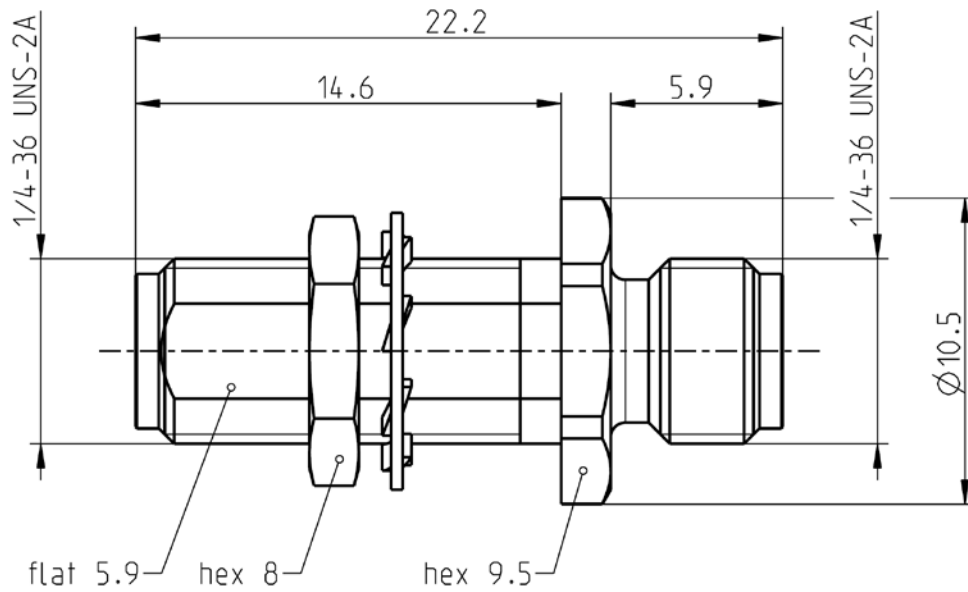




All dimensions are in mm; tolerances according to ISO 2768 m-H

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

CuBe
CuBe or equiv.
PTFE

Plating

AuroDur®, gold plated
AuroDur®, gold plated

Technical Data Sheet				Rosenberger			
SMA		Adaptor SMA Jack – SMA Jack		32K601-K00L5			
Electrical Data Impedance50 Ω FrequencyDC to 18 GHz Return loss≤ 1.05 + 0.005 x f [GHz] Insertion loss≤ 0.03 x √f(GHz) dB Insulation resistance≥ 5 x10³ MΩ Center contact resistance≤ 3 mΩ Outer contact resistance≤ 2 mΩ Test voltage1000 V rms Working voltage480 V rms Power handling (at 20 °C, sea level, VSWR 1.0)≤ 200 W @ 2 GHz RF-leakage≥ 100 dB up to 1 GHz Mechanical Data Mating cycles≥ 500 Center contact captivation: axial≥ 27 N radial≥ 3 Ncm Coupling test torque≤ 1.7 Nm Recommended torque0.8 Nm to 1.1 Nm - Panel thickness max. 6.4 mm - Environmental Data Temperature range-65 °C to +165 °C Thermal shockMIL-STD-202, Method 107, Condition B CorrosionMIL-STD-202, Method 101, Condition B VibrationMIL-STD-202, Method 204, Condition D ShockMIL-STD-202, Method 213, Condition I Moisture resistanceMIL-STD-202, Method 106 RoHScompliant Tooling N/A Suitable Cables N/A Weight Weight3.4 g/pc							
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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