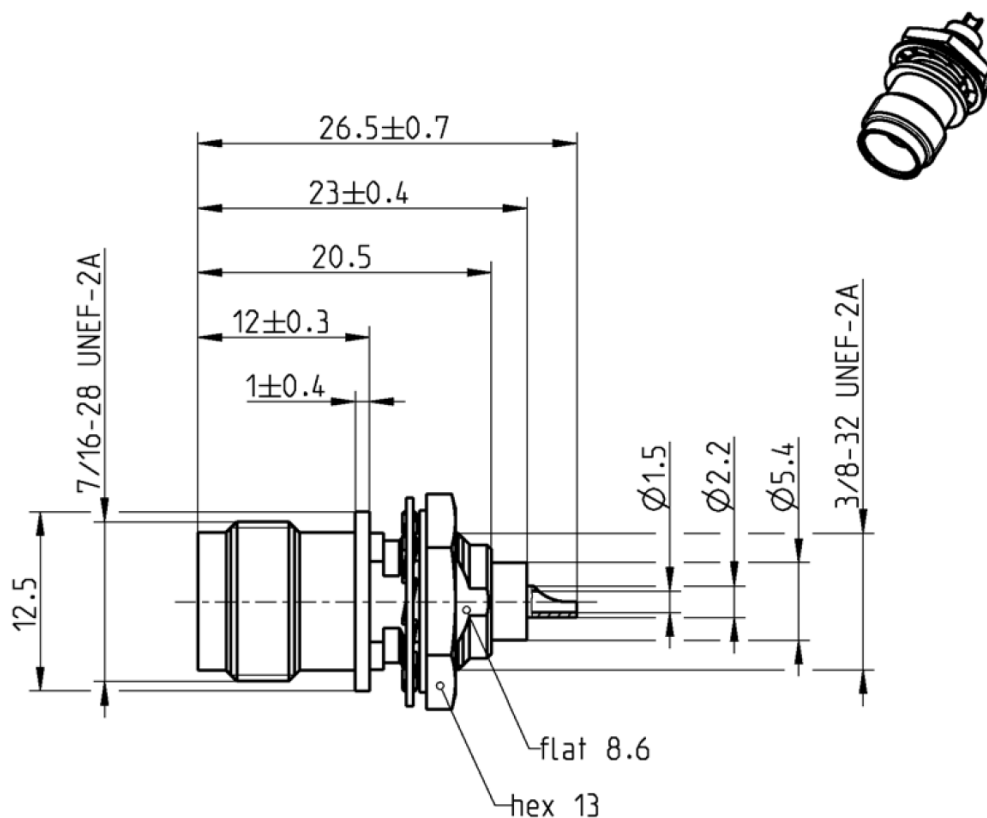




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to

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

Documents

Panel piercing

B 2

Material and plating

Connector parts

Center contact

Outer contact

Body

Dielectric

Material

Spring bronze

Brass

Brass

PTFE

Plating

AuroDur®, gold plated

Flash white bronze over silver(e.g. Optargen®)

Flash white bronze over silver(e.g. Optargen®)

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RF_35/08.13/6.1

Technical Data Sheet				Rosenberger			
TNC 50 Ω		BULKHEAD JACK SOLDER END		56K504-200N5			
Electrical data Impedance50 Ω FrequencyDC to 10 GHz Return loss≥ 35 dB @ DC to 1 GHz ≥ 25 dB @ 1 GHz to 2.5 GHz ≥ 20 dB @ 2.5 GHz to 4 GHz Insertion loss≤ 0.05 x √ f [GHz] dB, DC to 4 GHz Insulation resistance≥ 5 GΩ Center contact resistance≤ 1.5 mΩ Outer contact resistance≤ 1 mΩ Test voltage (at sea level)1500 V rms Working voltage (at sea level)500 V rms Power handling (at 20 °C, sea level, VSWR 1.0)80 W @ 2 GHz Mechanical data Mating cycles≥ 500 Center contact captivation: axial≥ 15 N Coupling test torque≤ 1.7 Nm Recommended torque0.46 Nm to 0.69 Nm Environmental data Temperature range-45 °C to +85 °C Thermal shockMIL-STD-202, Method 107, Condition B CorrosionMIL-STD-202, Method 101, Condition B VibrationMIL-STD-202, Method 204, Condition B ShockMIL-STD-202, Method 213, Condition G Moisture resistanceMIL-STD-202, Method 106 RoHScompliant Tooling N/A Suitable cables N/A Packing Standard1 pce in bag Weight8.3 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	
Inge Mühlauer		10.08.04		A. Gasteiger		06.08.13	
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