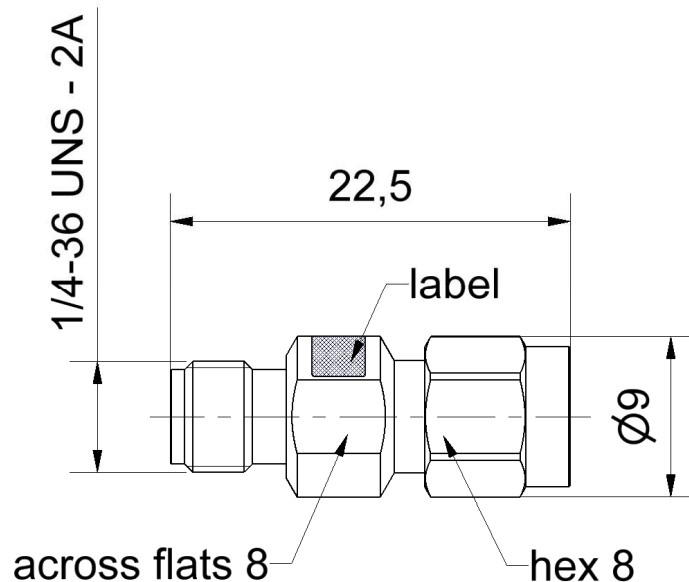


All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to

IEC 60169-15; EN 122110; MIL-STD-348

Documents

N/A

Material and plating

Connector parts

Center contact - plug
Center contact - jack
Outer contact
Dielectric
Substrate

Material

Brass
CuBe
Stainless steel
PTFE
Al₂O₃

Plating

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

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RF_35/09.14/6.2

Technical Data Sheet				Rosenberger			
SMA		Attenuator Plug/Jack 2 Watt		32AS102-K03S3			
Electrical data Impedance50 Ω FrequencyDC to 18 GHz Return loss≥ 23.1 dB, DC to 4 GHz ≥ 19.1 dB, 4 GHz to 12.4 GHz ≥ 16.5 dB, 12.4 GHz to 18 GHz Attenuation3 dB ± 1.0 dB, DC to 12.4 GHz 3 dB ± 1.5 dB, 12.4 GHz to 18 GHz Power handling≤ 2 W at 25°C Mechanical data Mating cycles≥ 500 Maximum torque1.70 Nm Recommended torque0.90 Nm Environmental data Temperature range-55°C to +155°C RoHScompliant Packing Standard1 pce in bag Weight5.4 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		Rev.		Engineering change number	
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