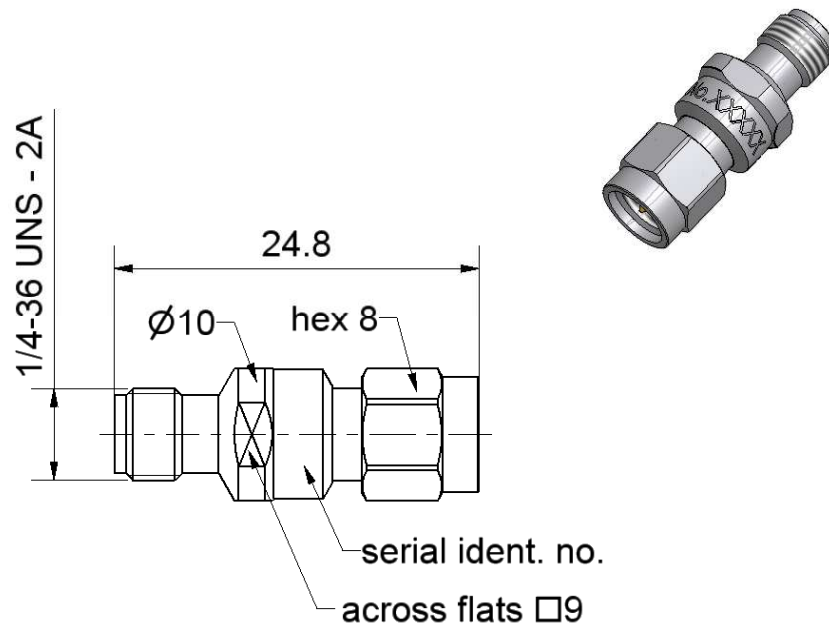




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to
Mechanically compatible with

IEC 61169-35
RPC-3.50 and SMA

Documents

N/A

Material and plating

Connector parts

Center conductor - plug
Center conductor - jack
Outer conductor
Coupling nut
Dielectric
Substrate

Material

CuBe
CuBe
Stainless steel
Stainless steel
PEEK
Al₂O₃

Plating

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

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RF_35/09.14/6.2

Technical Data Sheet				Rosenberger			
RPC-2.92		Attenuator Plug/Jack		02AS102-K03S3			
Electrical data Impedance Frequency range Return loss Attenuation Power handling 50 Ω DC to 40 GHz ≥ 26.4 dB, DC to 4 GHz ≥ 19.1 dB, 4 GHz to 40 GHz 3 dB ± 0.3 dB, DC to 4 GHz 3 dB ± 0.5 dB, 4 GHz to 35 GHz 3 dB ± 0.8 dB, 35 GHz to 40 GHz 0.5 W at 25 °C							
Mechanical data Mating cycles Maximum torque Recommended torque Gauge ≥ 500 1.70 Nm 0.90 Nm 0.00 mm to 0.08 mm							
Environmental data Operating temperature range¹ Storage temperature range RoHS 0 °C to +50 °C -40 °C to +85 °C compliant							
¹ Temperature range over which these specifications are valid.							
Packing Standard Weight 1 pce in box 7.5 g/pce							
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Draft		Date		Approved		Date	
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