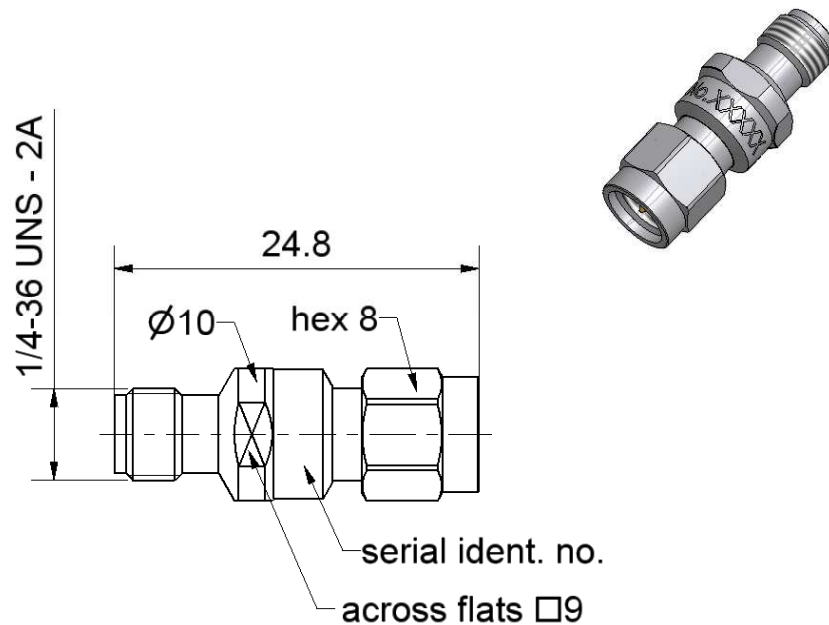




All dimensions are in mm; tolerances according to ISO 2768 m-H

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							
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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