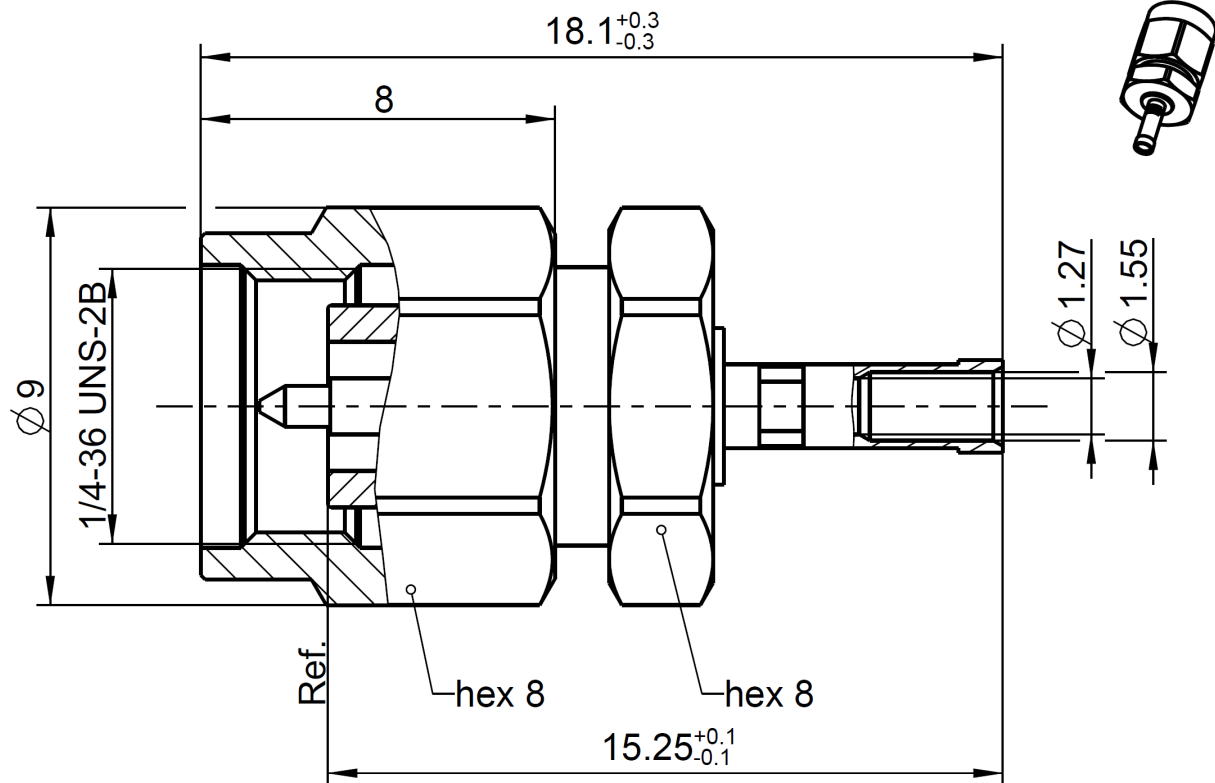




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to
Mechanically compatible with

IEC 61169-35
RPC-3.50 and SMA

Documents

Assembly instruction

02A14

Material and plating

Connector parts

Center contact
Outer contact
Coupling nut
Dielectric
Gasket

Material

CuBe or equiv.
Brass
Stainless steel
PTFE
Silicone

Plating

AuroDur®, gold plated
AuroDur®, gold plated
Passivated

Technical Data Sheet				Rosenberger			
RPC-2.92		Straight Plug		02S14E-270L5			
Electrical data Impedance Frequency Return loss Insertion loss Insulation resistance Center contact resistance Outer contact resistance Test voltage Working voltage RF-leakage 50 Ω DC to 40 GHz ≥ 21 dB, DC to 20 GHz ≥ 19 dB, 20 GHz to 40 GHz ≤ 0.04 x √f(GHz) dB ≥ 5 GΩ ≤ 3.0 mΩ ≤ 2.0 mΩ 750 V rms 250 V rms ≥ 100 dB up to 1 GHz - Limitations are possible due to the used cable type -							
Mechanical data Mating cycles Center contact captivation Coupling test torque Recommended torque ≥ 500 ≥ 20 N 1.70 Nm 0.80 Nm to 1.10 Nm							
Environmental data Temperature range Thermal shock Corrosion Vibration Shock Moisture resistance RoHS -40°C to +85°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 101, Condition B MIL-STD-202, Method 204, Condition D MIL-STD-202, Method 213, Condition I MIL-STD-202, Method 106 compliant							
Tooling N/A							
Suitable cables RTK 047, UT 047							
Weight 2.8 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	
Martin Moder		22.03.16		Roland Neuhauser		13.02.19	
Rev.		Engineering change number		Name		Date	
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