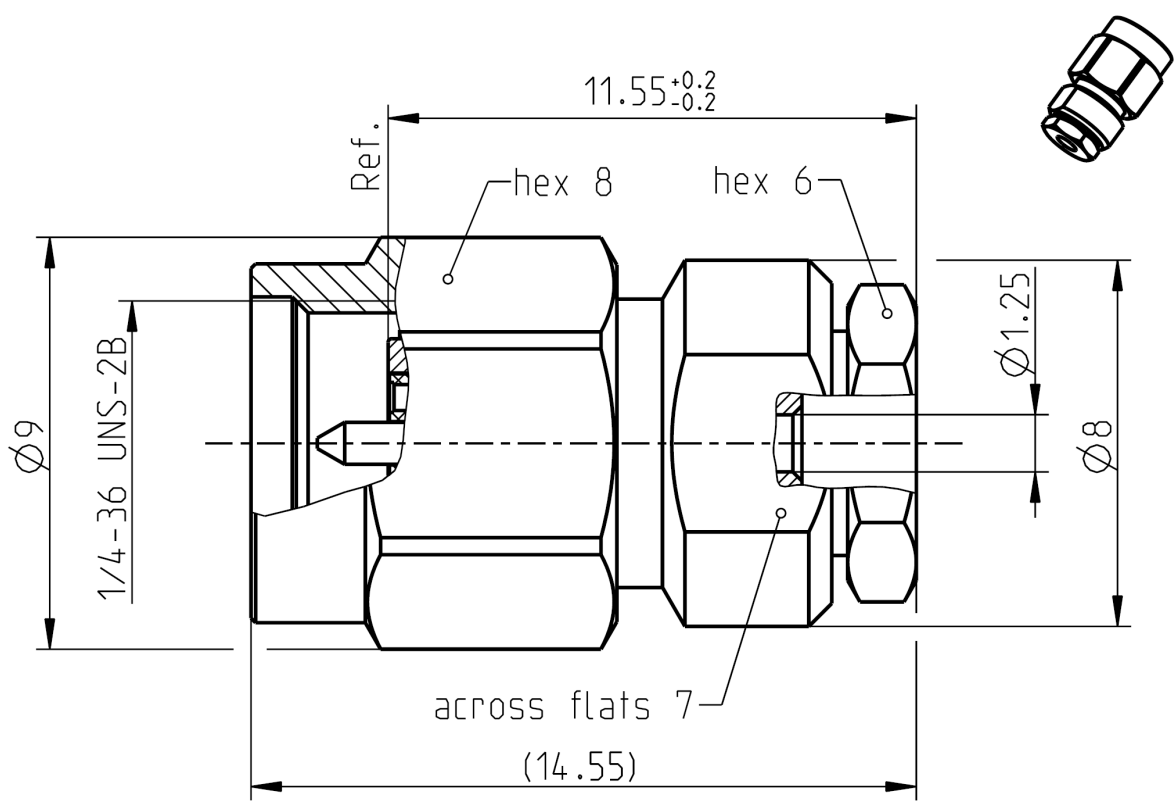


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Technical Data Sheet		Rosenberger
RPC-2.92	Straight plug	02S141-270L5
		
All dimensions are in mm; tolerances according to ISO 2768 m-H		
Interface According to Mechanically compatible with IEC 61169-35 RPC-3.50 and SMA		
Documents Assembly instruction 02 A11		
Material and plating Connector parts Center contact Outer contact Coupling nut Dielectric 1 Dielectric 2 Gasket Solder sleeve Material Brass CuBe or equiv. CuBe or equiv. PS PTFE Silicone Brass Plating AuroDur®, gold plated AuroDur®, gold plated Gold, 0.1 µm min. Gold, 0.1 µm min.		
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de		Tel. : +49 8684 18-0 Fax : +49 8684 18-499 Email : info@rosenberger.de
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Technical Data Sheet				Rosenberger			
RPC-2.92		Straight plug		02S141-270L5			
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 ≥ 23 dB, DC to 20 GHz ≥ 21 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 Coupling test torque Recommended torque ≥ 500 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 Insert tool 02W006-000							
Suitable cables UT 47, RTK 047							
Packing Standard Weight 1 pce in bag 3.9 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	
Herbert Babinger		26.10.11		c00		14-0768	
Approved		Date		Name		Date	
T. Oberhauser		18.09.14		T. Oberhauser		18.09.14	
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