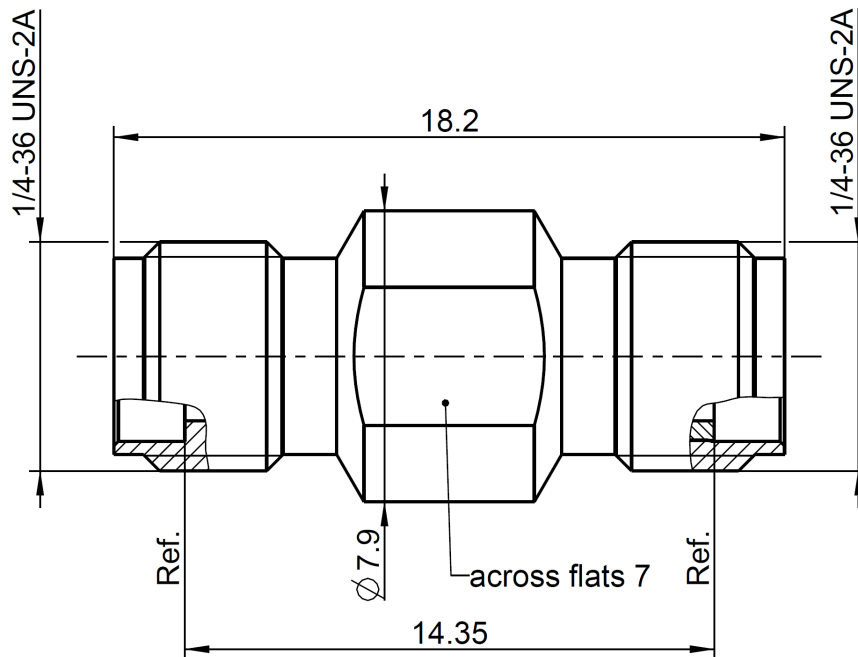




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to
Mechanically compatible with

IEC 60169-23
RPC-2.92 and SMA

Documents

N/A

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

CuBe
Stainless steel
PS

Plating

Gold, min. 1.27 μm , over chemical nickel
Passivated

Technical Data Sheet				Rosenberger			
RPC-3.50		Adaptor JACK - JACK		03K121-K02S3			
Electrical data Impedance50 Ω FrequencyDC to 26.5 GHz Return loss≥ 26 dB, DC to 26.5 GHz Insertion loss≤ 0.04 x √f(GHz) dB Insulation resistance≥ 5 GΩ Proof voltage (at sea level)1000 V rms Working voltage (at sea level)335 V rms RF-leakage≥ 100 dB up to 1 GHz							
Mechanical data Mating cycles≥ 500 Center contact captivation: axial ≥ 27 N radial ≥ 0.01 Nm Coupling test torque1.70 Nm Recommended torque0.80 Nm to 1.10 Nm							
Environmental data Temperature range-40°C to +85°C Thermal shockMIL-STD-202, Method 107, Condition B CorrosionMIL-STD-202, Method 101, Condition B VibrationMIL-STD-202, Method 204, Condition D ShockMIL-STD-202, Method 213, Condition I Moisture resistanceMIL-STD-202, Method 106 RoHScompliant							
Tooling N/A							
Suitable cables N/A							
Weight 3.3 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	
R. Neuhauser		30.09.19		Herbert Babinger		16.12.20	
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Rev. a00		Engineering change number 20-s226	
				Name A.Youmsi		Date 16.12.20	
				Tel. : +49 8684 18-0 Email : info@rosenberger.de		Page 2 / 2	

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