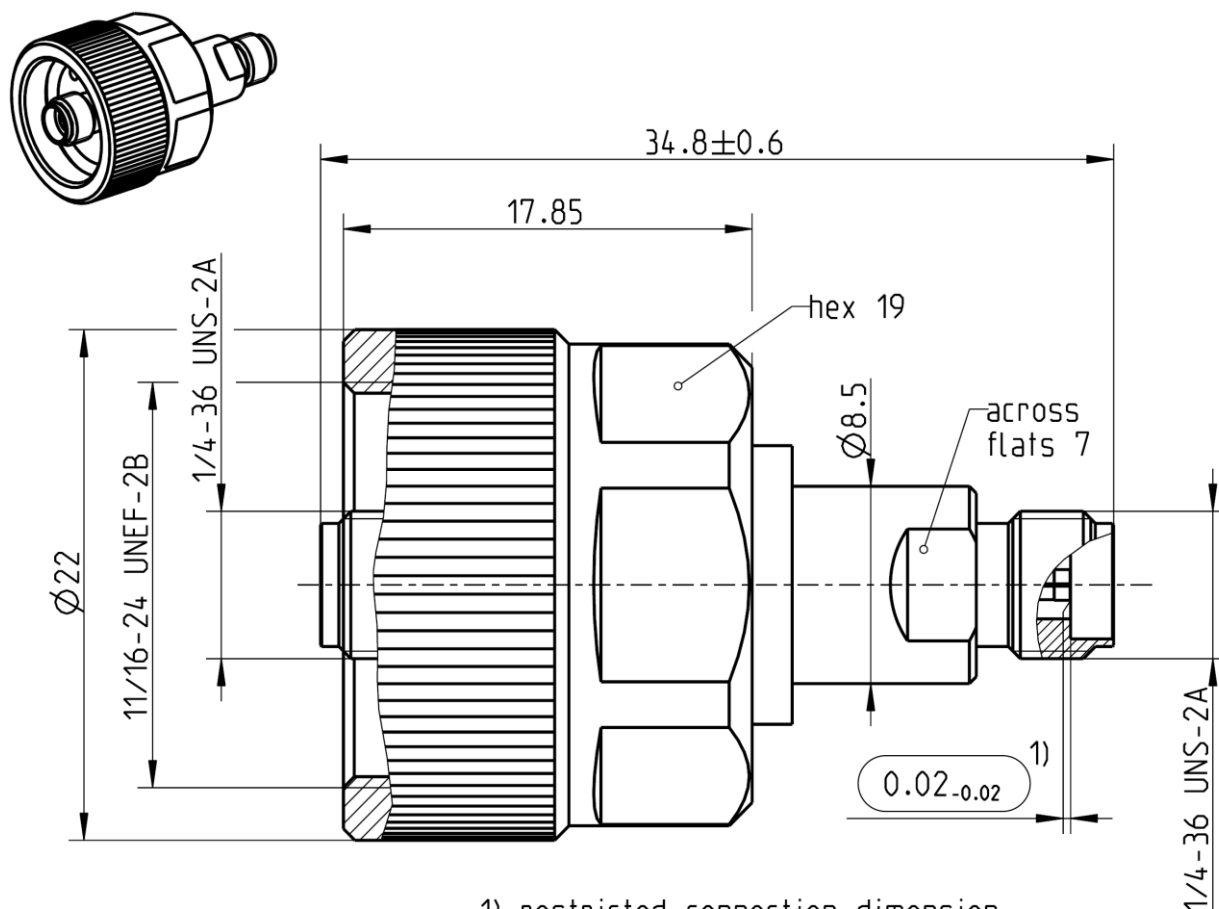


RPC-2.92

Adaptor
jack - jack

02KR121-K0AS3



1) restricted connection dimension

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 contact
Outer contact
Dielectric
Coupling nut

Material

CuBe
Stainless steel
PEEK
Stainless steel

Plating

Gold, min. 1.27 μm , over chemical nickel
Passivated

Passivated

Technical Data Sheet				Rosenberger			
RPC-2.92		Adaptor jack - jack		02KR121-K0AS3			
Electrical data Impedance50 Ω FrequencyDC to 40 GHz Return loss≥ 26 dB, DC to 26.5 GHz ≥ 23 dB, 26.5 GHz to 40 GHz Insertion loss≤ 0.04 x √f(GHz) dB Insulation resistance≥ 5 GΩ Test voltage (at sea level)750 V rms Working voltage (at sea level)250 V rms RF-leakage≥ 100 dB up to 1 GHz							
Mechanical data Mating cycles≥ 500 Center contact captivation≥ 20 N Coupling test torque1.70 Nm Recommended torque0.80 Nm to 1.10 Nm Recommended torque ruggedized nut1.36 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 37.8 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	
H. Babinger		17.09.09		F. Reiner		26.06.18	
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Rev. a01		Engineering change number 18-1026	
				Name M. Ruf		Date 25.06.18	
				Tel. : +49 8684 18-0 Email : info@rosenberger.de		Page 2 / 2	

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