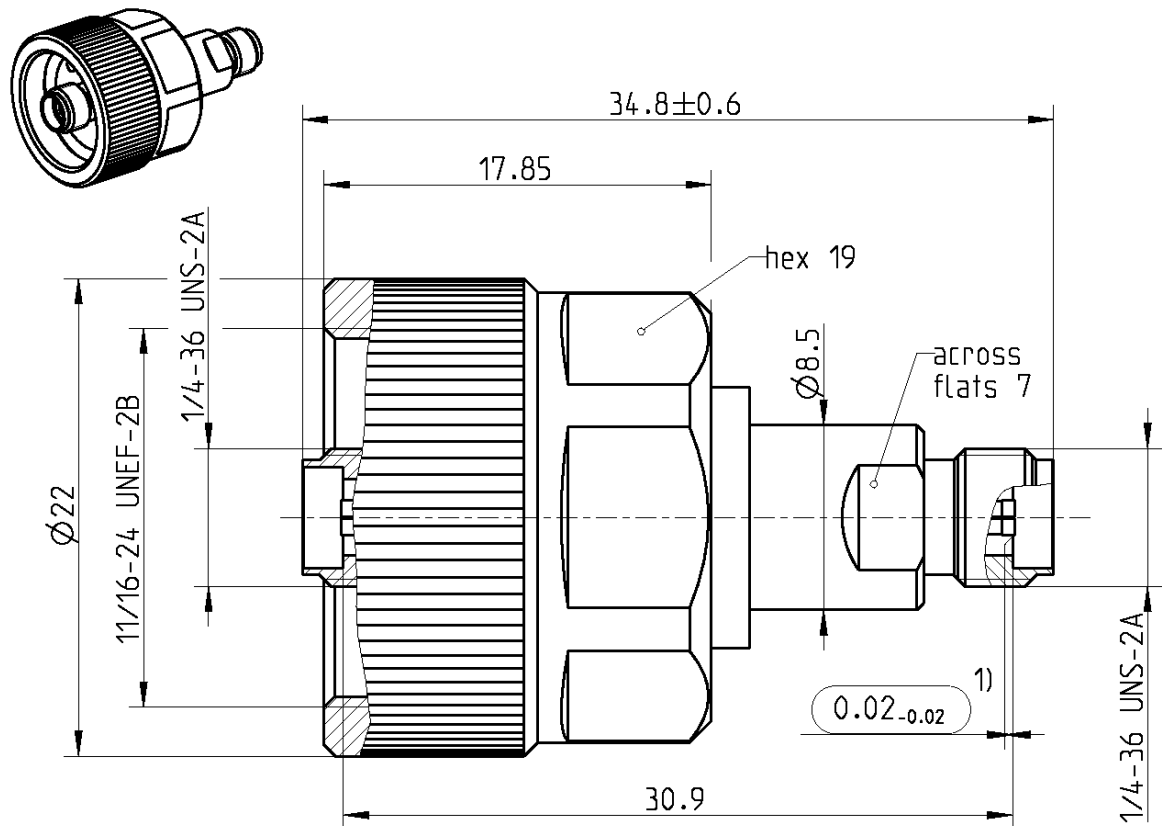




1) restricted connection dimension

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
Coupling nut
Dielectric

Material

CuBe
Stainless steel
Stainless steel
PEEK

Plating

Gold, min. 1.27 µm, over chemical nickel
Passivated
Passivated

Technical Data Sheet				Rosenberger			
RPC-3.50		Adaptor jack – jack		03KR121-K0AS3			
Electrical data Impedance Frequency Return loss Insertion loss Insulation resistance Test voltage (at sea level) Working voltage (at sea level) RF-leakage 50 Ω DC to 26.5 GHz ≥ 26 dB, DC to 26.5 GHz ≤ 0.04 x √f(GHz) dB ≥ 5 GΩ 1000 V rms 335 V rms ≥ 100 dB up to 1 GHz							
Mechanical data Mating cycles Center contact captivation Coupling test torque Recommended torque Recommended torque ruggedized nut ≥ 500 ≥ 27 N 1.70 Nm 0.80 Nm to 1.10 Nm 1.36 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 N/A							
Weight 37.9 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		Approved		Date	
H. Babinger		19.01.10		F. Reiner		02.07.18	
Rev.		Engineering change number		Name		Date	
a01		18-1026		M. Ruf		29.06.18	
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