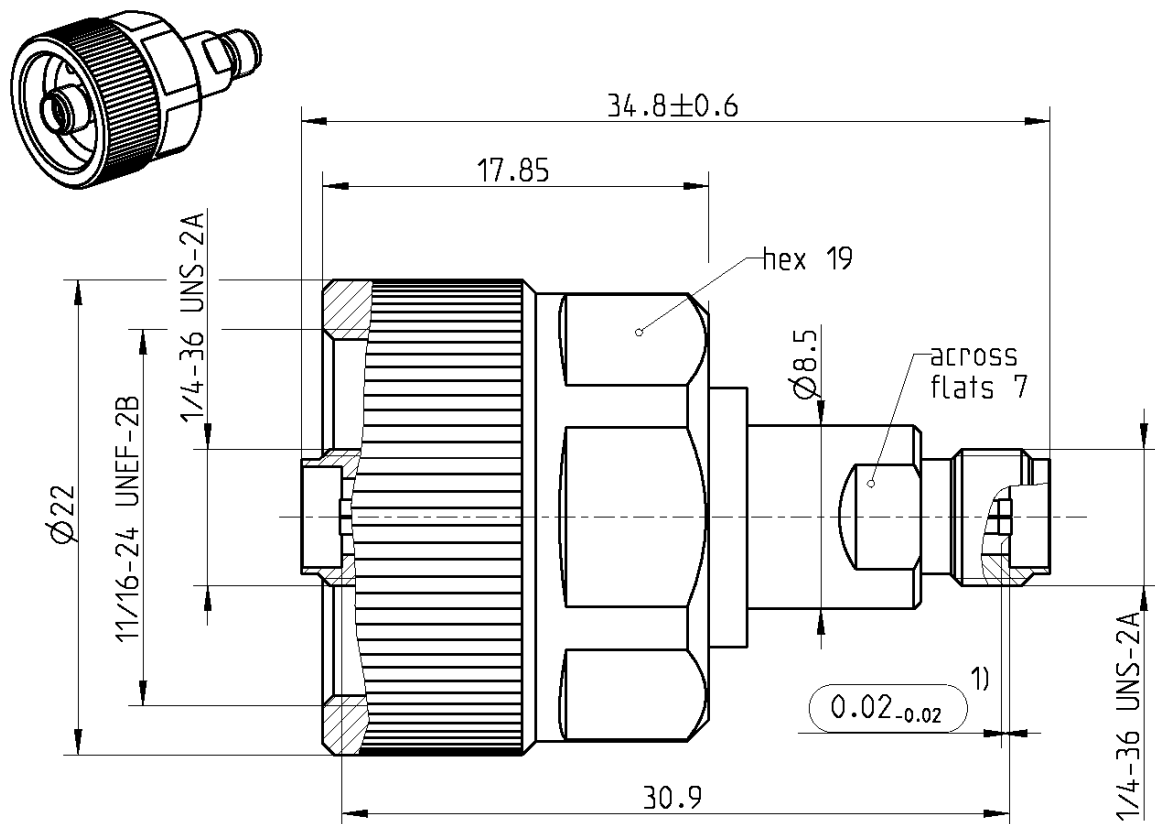


RPC-3.50
ADAPTOR
JACK - JACK**03KR121-K0AS3**

1) restricted connection dimension

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

InterfaceAccording to
Mechanically compatible withIEC 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

RPC-3.50 ADAPTOR
JACK - JACK**03KR121-K0AS3****Electrical data**

Impedance	50 Ω
Frequency	DC to 26.5 GHz
Return loss	≥ 26 dB, DC to 26.5 GHz
Insertion loss	$\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB
Insulation resistance	≥ 5 G Ω
Center contact resistance	≤ 3.0 m Ω
Outer contact resistance	≤ 2.0 m Ω
Test voltage	1000 V rms
Working voltage	335 V rms
RF-leakage	≥ 100 dB up to 1 GHz

Mechanical data

Mating cycles	≥ 500
Center contact captivation	≥ 27 N
Coupling test torque	1.70 Nm
Recommended torque	0.80 Nm to 1.10 Nm
Recommended torque ruggedized nut	1.36 Nm

Environmental data

Temperature range	-40°C to +85°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106
2002/95/EC (RoHS)	compliant

Tooling

N/A

Suitable cables

N/A

Packing

Standard	1 pce in box
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	Rev.	Engineering change number	Name	Date
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