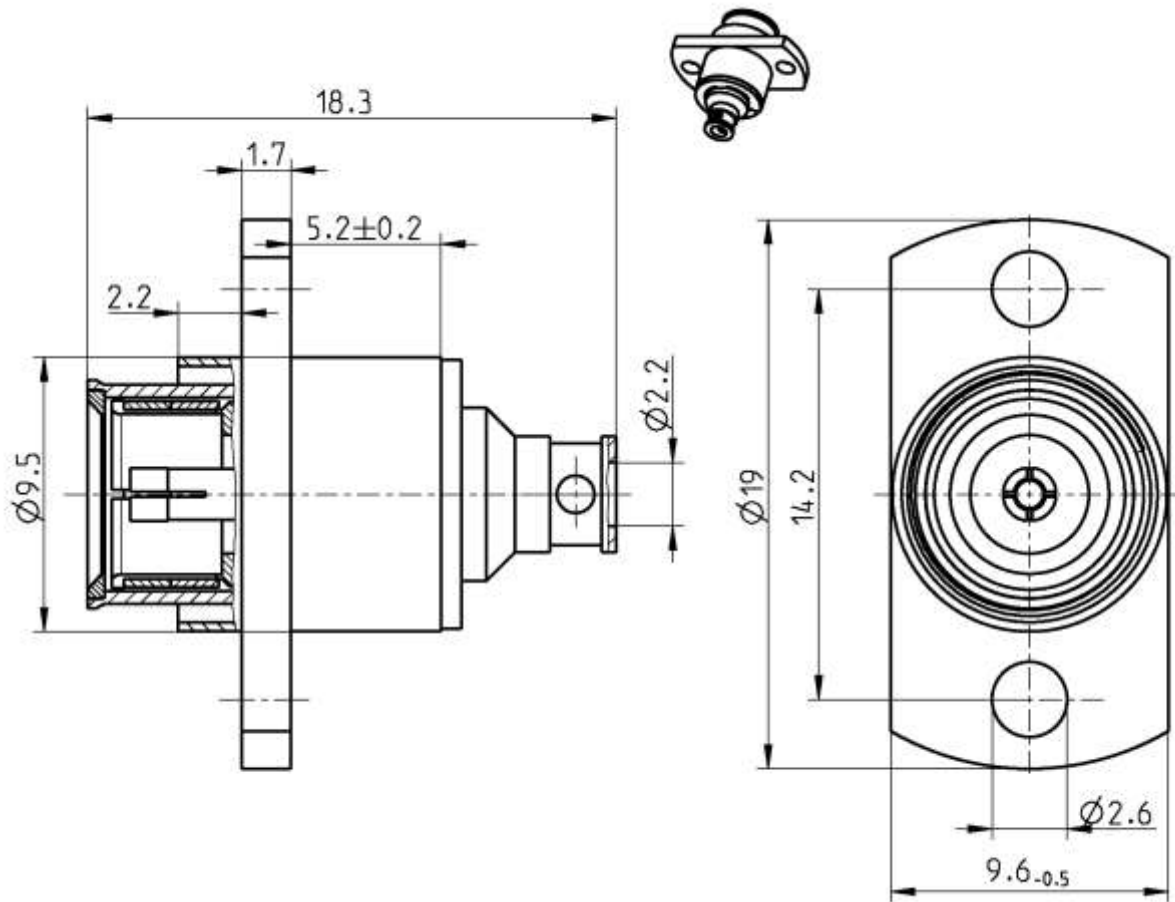




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to
Mechanically compatible with

MIL-STD 348A and IEC 61169-33
OSP and BMA

Documents

Assembly instruction
Panel piercing

10 E
B 100

Material and plating

Connector parts

Center contact
Outer contact
Body
Flange
Dielectric

Material

CuBe
Brass
Brass
Brass
PTFE

Plating

Gold, min. 1.27 µm, over chemical nickel
Flash white bronze over silver(e.g. Optargen®)
Silver, 3-6 µm
Flash white bronze over silver(e.g. Optargen®)

Technical Data Sheet				Rosenberger			
RPC-SP		Panel jack floating		10K762-271N3			
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 22 GHz ≥ 21 dB, DC to 22 GHz ≤ 0.04 x √f(GHz) dB ≥ 5 GΩ 1000 V rms 400 V rms ≥ 85 dB up to 1 GHz - Limitations are possible due to the used cable type -							
Mechanical data Mating cycles Center contact captivation Engagement force Disengagement force Misalignment Spring force Spring travel ≥ 1000 ≥ 27 N ≤ 13.5 N ≥ 2 N radial 0.55 mm min. min. 5.6 N at rest max. 19 N at max. spring travel 2.6 mm max.							
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 UT 085 / RTK-FS 085 / RTK-Flex 405							
Weight 5.1 g/pcs							
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
H. Babinger	17.09.04	F. Reiner	16.07.18	c00	18-1258	A. Plötz	31.07.18
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Email : info@rosenberger.de			Page 2 / 2