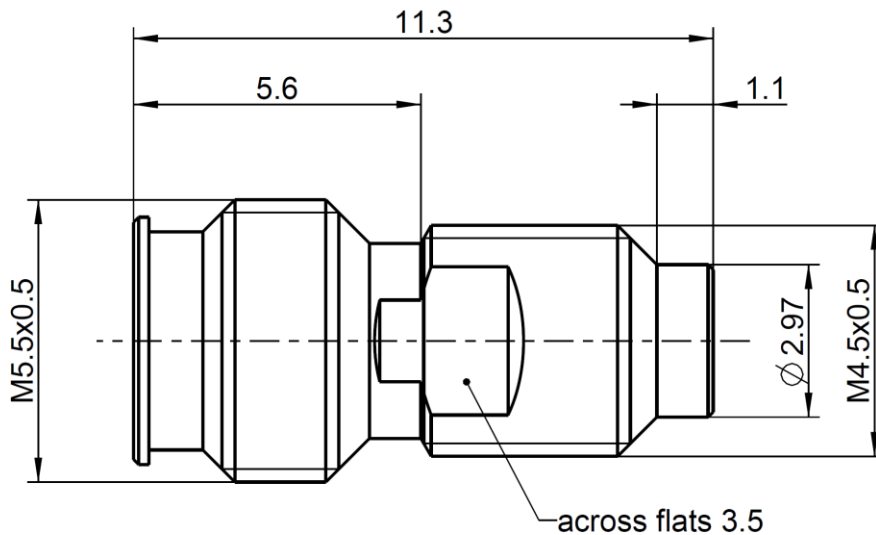




For glass-bead of 0.127mm pin diameter.

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

Interface

According to IEC 61169-35

Documents

Assembly instruction 01E

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

CuBe
CuBe or equiv.
PEEK

Plating

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

Technical Data Sheet				Rosenberger			
RPC-1.35		Launcher jack for glass bead		P9K521-800D3			
Electrical data Impedance50 Ω FrequencyDC to 110 GHz Return loss ¹⁾≥ 19 dB, DC to 26.5 GHz ≥ 17 dB, 26.5 GHz to 40 GHz ≥ 14 dB, 40 GHz to 70 GHz ≥ 12 dB, 70 GHz to 90 GHz Insertion loss≤ 0.05 x √f(GHz)dB Insulation resistance≥ 5 GΩ Proof voltage (at sea level)500 V rms Working voltage (at sea level)150 V rms RF-leakage≥ 90 dB up to 1 GHz 1) Measured including measuring adaptor 01K121-900D3							
Mechanical data Mating cycles≥ 3000 Center contact captivation: axial≥ 10 N Coupling test torque1.65 Nm Coupling torque recommended0.80 Nm to 1.00 Nm							
Environmental data Temperature range-40 °C to +85 °C CorrosionIEC 61169-1, Subclause 9.4.10 VibrationIEC 61169-1, Subclause 9.3.3 ShockIEC 61169-1, Subclause 9.3.14 Moisture resistanceIEC 61169-1, Subclause 9.4.3 RoHScompliant							
Tooling Soldering fixture01W002-000 Mounting wrenchP9W003-000							
Suitable glass bead 01Z103-000							
Weight 1.1 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. For the installation of the electrotechnical equipment, particular electrotechnical expertise is required. 							
Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
F. Reiner	16.04.21	H. Babinger	14.04.22	200	22-v154	T.Boergerding	14.04.22
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