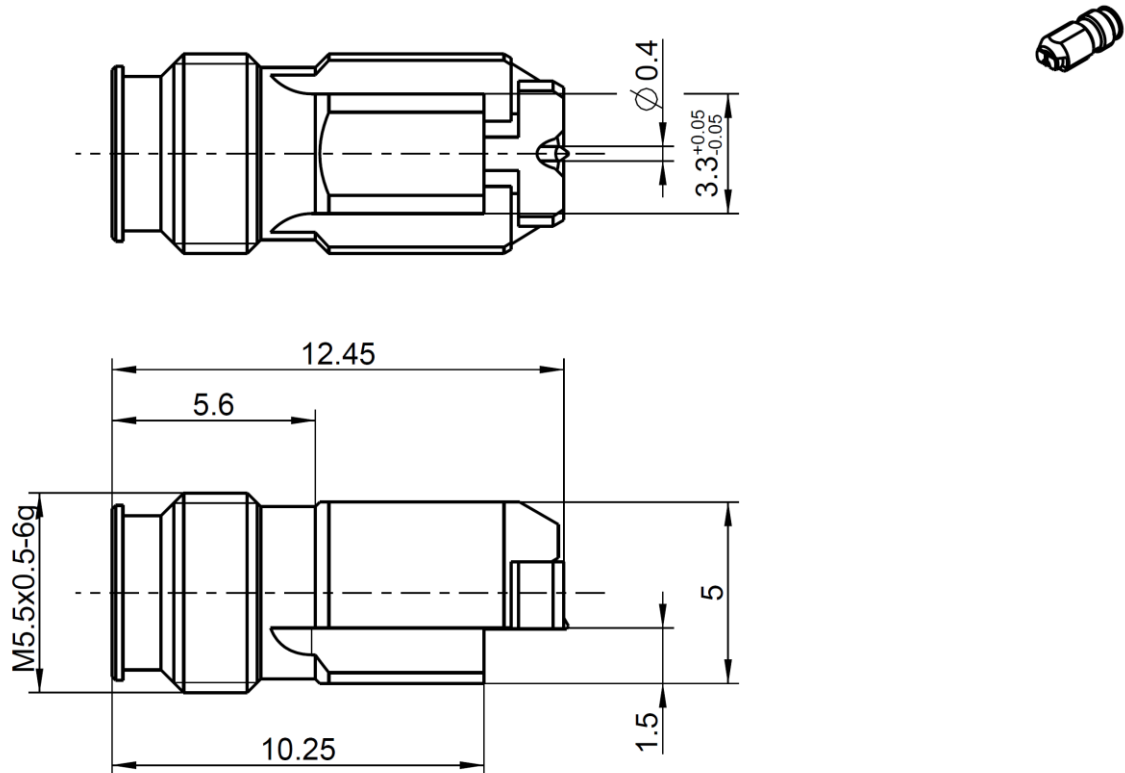


RPC-1.35

Right Angle Jack
PCB

P9K241-40ML5



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

Interface

According to IEC 61169-65

Documents

PCB layout B 781

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

CuBe
CuBe or equiv.
PEEK

Plating

AuroDur®, gold plated
AuroDur®, gold plated

Technical Data Sheet		Rosenberger					
RPC-1.35	Right Angle Jack PCB	P9K241-40ML5					
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 90 GHz ≥ 19 dB, DC to 26,5 GHz ≥ 17 dB, 26,5 to 40 GHz ≥ 14 dB, 40 to 70 GHz ≥ 12 dB, 70 to 90 GHz ≤ 0.05 x √f(GHz) dB ≥ 5 GΩ 500 V rms 150 V rms ≥ 90 dB up to 1 GHz Return loss in application depends decisive on PCB layout							
Mechanical data Mating cycles Center contact captivation: axial Coupling test torque Recommended torque min. 3000 ≥ 10 N 1.65 Nm 0.90 Nm							
Environmental data Temperature range Thermal shock Vibration Shock Max. soldering temperature RoHS -55°C to +125°C IEC 61169-1, Subclause 9.4.4 IEC 61169-1, Subclause 9.3.3 IEC 61169-1, Subclause 9.3.14 IEC 61760-1, +260°C for 10 sec. compliant							
Tooling N/A							
Weight 1.6 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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