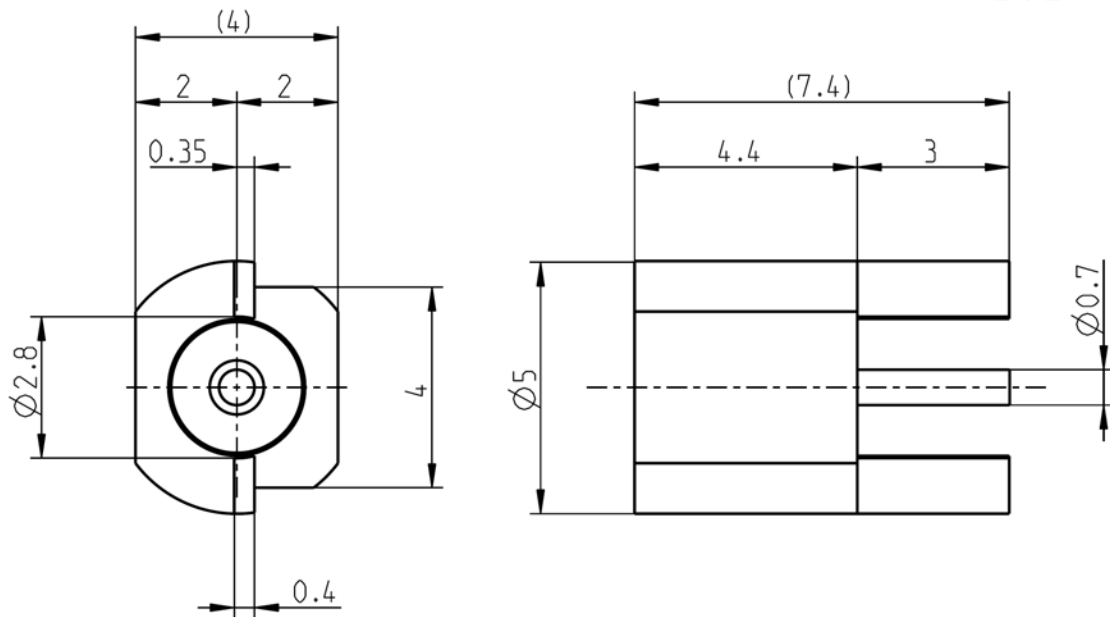




All dimensions are in mm; tolerances acc. ISO 2768 m-H

Interface

Related to
According to

MIL-STD-348A, Fig. 326
Rosenberger 17S000-000

Documents

PCB layout
Tape & reel packaging

B 125
VG03.01M00

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

Brass
Brass
PTFE

Plating

AuroDur®, gold plated
AuroDur®, gold plated

Technical Data Sheet				Rosenberger			
Long-wipe SMP		RIGHT ANGLE PLUG PCB LIMITED DETENT		17S202-40ML5			
Electrical data Impedance50 Ω FrequencyDC to 6 GHz Return loss≥ 28 dB, DC to 3 GHz ≥ 23 dB, 3 to 6 GHz Insertion loss≤ 0.1 x √f(GHz) dB Insulation resistance≥ 5 GΩ Center contact resistance≤ 6.0 mΩ Outer contact resistance≤ 2.0 mΩ Test voltage500 V rms Working voltage335 V rms (sea level) - VSWR in application depends decisive on PCB layout - Mechanical data Mating cycles≥ 500 Center contact captivation:≥ 7 N Engagement force - smooth bore9 N max. Disengagement force - smooth bore2.2 N min. Environmental data Temperature range-65°C to +155°C Thermal shockMIL-STD-202, Method 107, Condition B VibrationMIL-STD-202, Method 204, Condition B ShockMIL-STD-202, Method 213, Condition A Moisture resistanceMIL-STD-202, Method 106 Max. soldering temperatureIEC 61760-1, +260°C for 10 sec. 2002/95/EC (RoHS)compliant Tooling N/A Suitable cables N/A Weight Weight0.40 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
S_Mühlbacher	15/11/11	Sa. Krautenbacher	11.03.14	b00	14-0352	T. Krojer	11.03.14
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