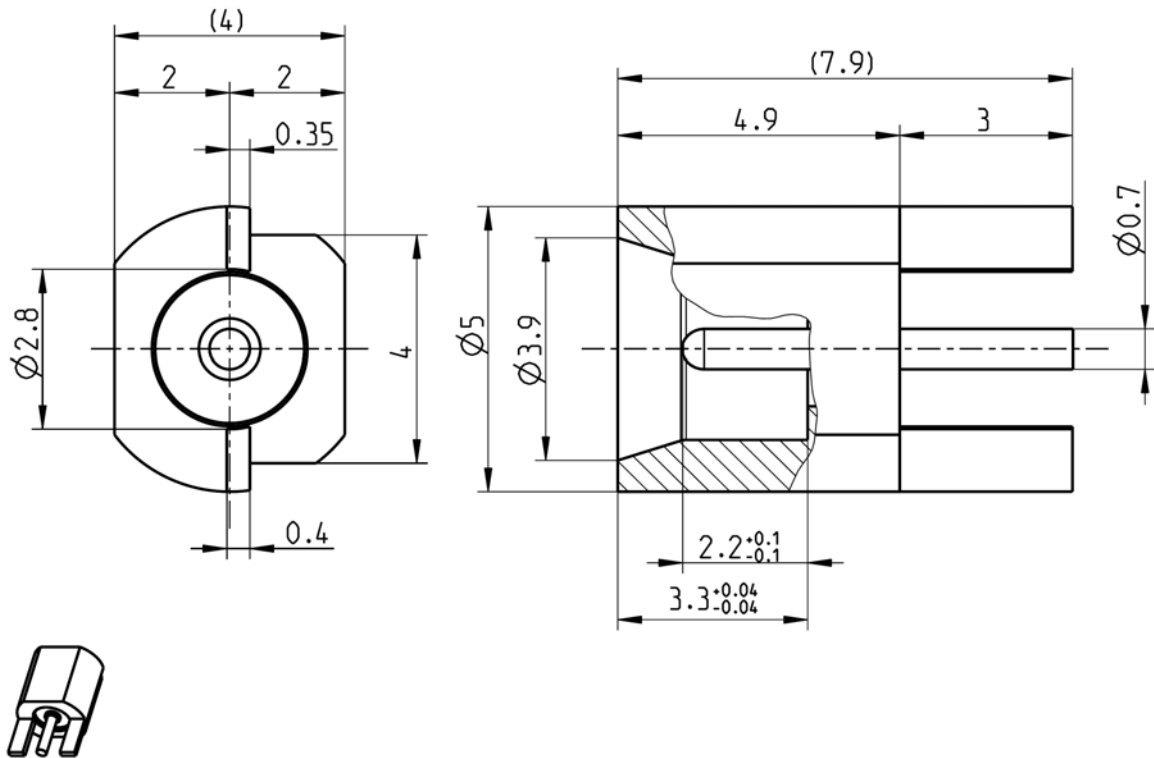




All dimensions are in mm; tolerances acc. to ISO 2768 mH

Interface

Related to
According to

SMP: MIL-STD-348A, Fig. 326
Rosenberger Longwipe SMP

Documents

PCB layout
Tape & reel packaging

B 125b
VG38.1M500

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			
Longwipe-SMP		RIGHT ANGLE PLUG PCB SMOOTH BORE		17S244-40ML5			
Electrical Data Impedance Frequency Return loss Insertion loss Insulation resistance Center contact resistance Outer contact resistance Test voltage Working voltage 50 Ω DC to 6 GHz ≥ 28 dB, DC to 3 GHz ≥ 23 dB, 3 to 6 GHz ≤ 0.1 x √f(GHz) dB ≥ 5 GΩ ≤ 6.0 mΩ ≤ 2.0 mΩ 500 V rms 335 V rms (sea level) - VSWR in application depends decisive on PCB layout -							
Mechanical Data Mating cycles Center contact captivation: Engagement force - smooth bore Disengagement force - smooth bore ≥ 500 ≥ 7 N 9 N max. 2.2 N min.							
Environmental Data Temperature range Thermal shock Vibration Shock Moisture resistance Max. soldering temperature RoHS -65°C to +155°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 204, Condition B MIL-STD-202, Method 213, Condition A MIL-STD-202, Method 106 IEC 61760-1, +260°C for 10 sec. compliant							
Tooling N/A							
Suitable Cables N/A							
Weight Weight 0.45 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	
Chr. Entfellner		25.02.08		Sa. Krautenbacher		11.03.14	
Rev.		Engineering change number		Name		Date	
e00		14-0352		T. Krojer		11.03.14	
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