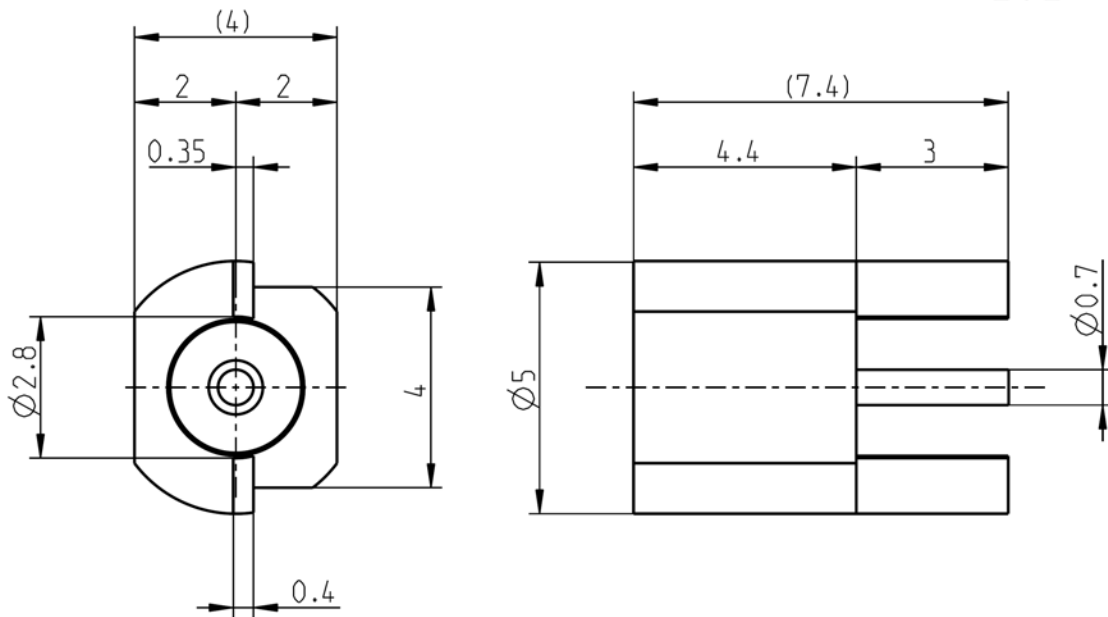


Long-wipe  
SMP

RIGHT ANGLE PLUG PCB  
LIMITED DETENT

**17S202-40ML5**



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

**Interface**

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

**Documents**

PCB layout B 125  
Tape & reel packaging VG03.01M00

**Material and plating**

**Connector parts**

Center contact  
Outer contact  
Dielectric

**Material**

Brass  
Brass  
PTFE

**Plating**

AuroDur®, gold plated  
AuroDur®, gold plated

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RF\_35/05.10/6.0

Long-wipe  
SMP

RIGHT ANGLE PLUG PCB  
LIMITED DETENT

**17S202-40ML5**

**Electrical data**

Impedance	50 Ω
Frequency	DC to 6 GHz
Return loss	≥ 28 dB, DC to 3 GHz ≥ 23 dB, 3 to 6 GHz
Insertion loss	≤ 0.1 x $\sqrt{f(\text{GHz})}$ dB
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 6.0 mΩ
Outer contact resistance	≤ 2.0 mΩ
Test voltage	500 V rms
Working voltage	335 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 bore	9 N max.
Disengagement force	
- smooth bore	2.2 N min.

**Environmental data**

Temperature range	-65°C to +155°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition A
Moisture resistance	MIL-STD-202, Method 106
Max. soldering temperature	IEC 61760-1, +260°C for 10 sec.
2002/95/EC (RoHS)	compliant

**Tooling**

N/A

**Suitable cables**

N/A

**Weight**

Weight 0.40 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
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany <a href="http://www.rosenberger.de">www.rosenberger.de</a>					Tel. : +49 8684 18-0 Fax : +49 8684 18-499 Email : <a href="mailto:info@rosenberger.de">info@rosenberger.de</a>		Page 2 / 2