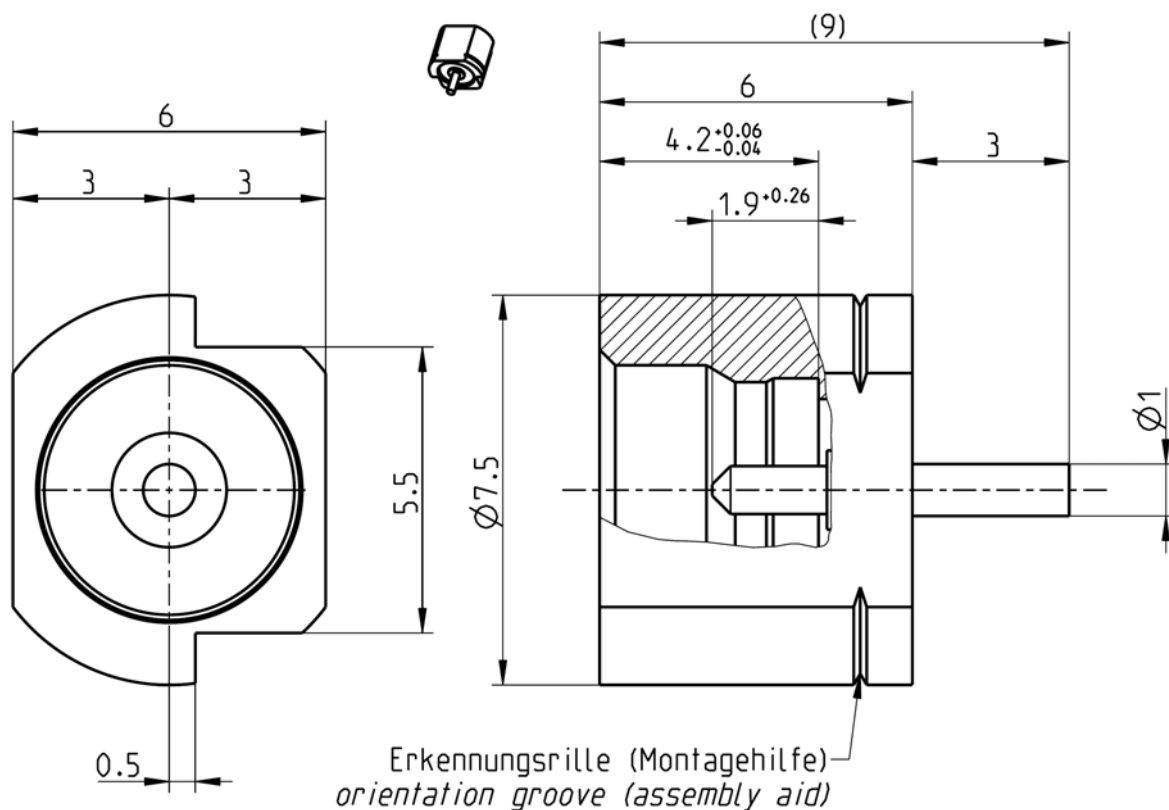


TECHNICAL DATA SHEET

RosenbergerP-SMP RIGHT ANGLE PLUG PCB
LIMITED DETENT**119S202-40ML5**

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

Interface

According to

Rosenberger P-SMP

Documents

Panel piercing

B 125d

Tape & Reel packaging

VG172.95000

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			
P-SMP		RIGHT ANGLE PLUG PCB LIMITED DETENT		119S202-40ML5			
Electrical data Impedance Frequency Return loss Insertion loss Insulation resistance Center contact resistance Outer contact resistance Test voltage (at sea level) Working voltage (at sea level) Power handling (at 20 °C, sea level) Intermodulation (3rd order) 50 Ω DC to 10 GHz ≥ 30 dB, DC to 4 GHz ≥ 25 dB, 4 to 6 GHz ≤ 0.03 x √f(GHz) dB ≥ 5 GΩ ≤ 3.0 mΩ ≤ 2.0 mΩ 1000 V rms 480 V rms ≤ 200 W @ 2.2 GHz ≥ 160 dBc (2 x 43 dBm) - Connector only, VSWR in application depends decisive on PCB layout							
Mechanical data Mating cycles Center contact captivation Engagement force Disengagement force ≥ 100 ≥ 7 N 45 N max. 15 N min.							
Environmental data Temperature range Rapid change of temperature Vibration Shock High temperature endurance Max. soldering temperature 2002/95/EC (RoHS) -65°C to +165°C IEC 60169-1, Sub-clause 16.4 (-65°C to +165°C) IEC 60068-2-64 random IEC 60068-2-27 (half-sine) IEC 60169-1, Sub-clause 18 (+165°C, 1000 hours) IEC 61760-1, +260°C for 10 sec. compliant							
Tooling N/A							
Suitable cables N/A							
Weight 1.2 g/pc							
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
Weidensp. R.	01.05.10	Sa. Krautenbacher	11.03.14	f00	14-0352	T. Krojer	11.03.14
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel.: +49 8684 18-0 Fax: +49 8684 18-499 email: info@rosenberger.de			Page 2 / 2