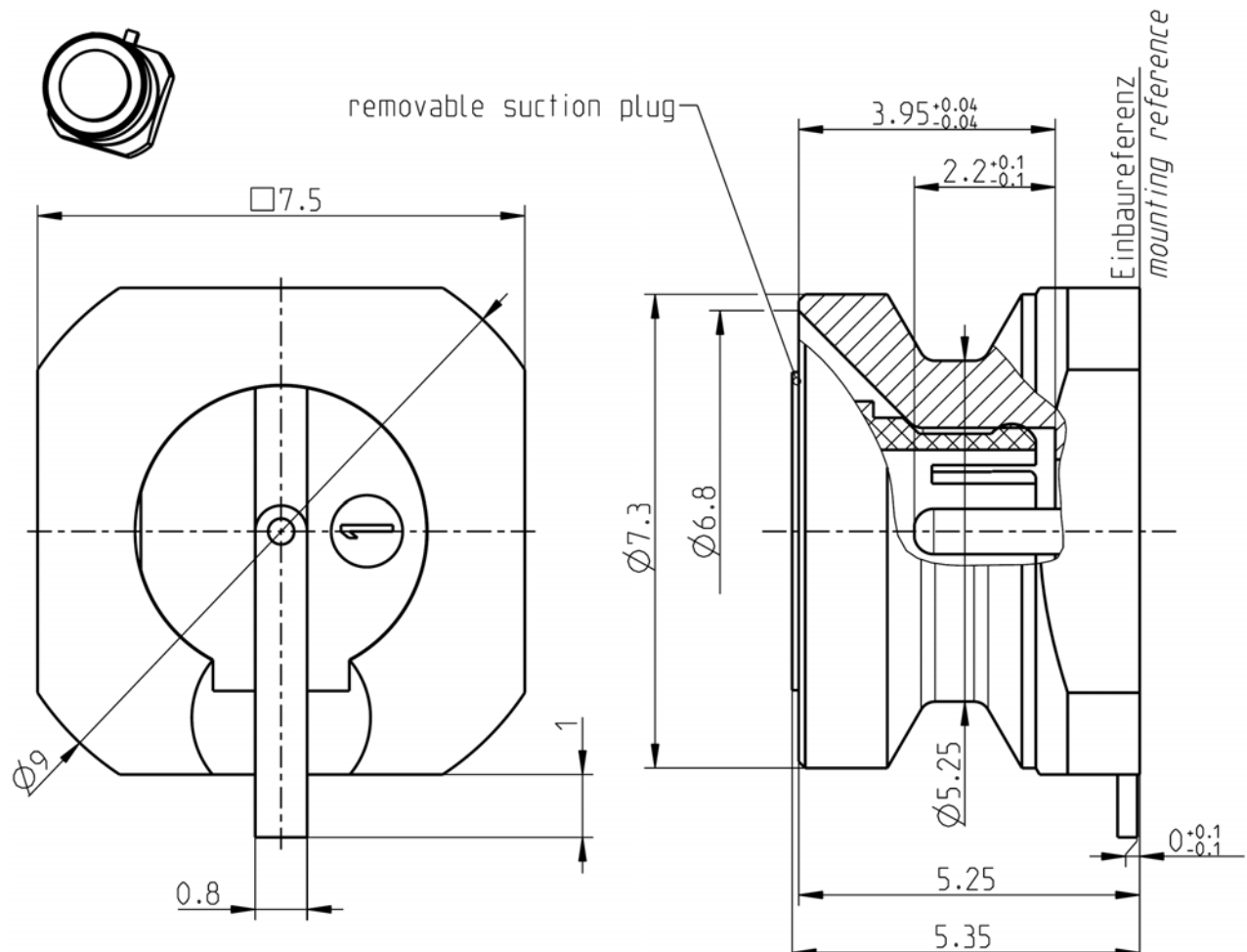




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

Related to
According to

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

Documents

PCB Layout

B 127a

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

Brass
Brass
LCP

Plating

AuroDur®, gold plated
AuroDur®, gold plated

Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG
RF_35/05.10/6.0

Technical Data Sheet				Rosenberger			
Long-wipe SMP		STRAIGHT PLUG PCB CATCHERS MIT		17S14F-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) Contact Current 50 Ω DC to 10 GHz ≥ 28 dB, DC to 3 GHz ≥ 23 dB, 3 to 6 GHz ≤ 0.05 x √f(GHz) dB ≥ 5 GΩ ≤ 6.0 mΩ ≤ 2.0 mΩ 500 V rms 335 V rms 1.2A DC max. - VSWR in application depends decisive on PCB layout -							
Mechanical data Mating cycles Center contact captivation: Engagement force - catchers mit Disengagement force - catchers mit ≥ 1000 ≥ 7 N 9 N max. 2.2 N min.							
Environmental data Temperature range Rapid change of temperature (related to SMP) Vibration (related to SMP) Shock (related to SMP) Damp heat (related to SMP) High temperature endurance Max. soldering temperature 2002/95/EC (RoHS) -65 °C to +155 °C IEC 60068-2-14 (-65°C to 155°C, 1h dwell, 50 cycles) MIL-STD-202, Method 204, Condition B MIL-STD-202, Method 213, Condition A IEC 60068-2-78 (40°C, 93% RH, 56d) IEC 60169-1, Sub-clause 18 (+155°C, 250 hours) IEC 61760-1, +260 °C for 10 sec. compliant							
Tooling N/A							
Suitable cables N/A							
Weight Weight 1.2 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	31/01/12	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 www.rosenberger.de				Tel. : +49 8684 18-0 Fax : +49 8684 18-499 Email : info@rosenberger.de			Page 2 / 2