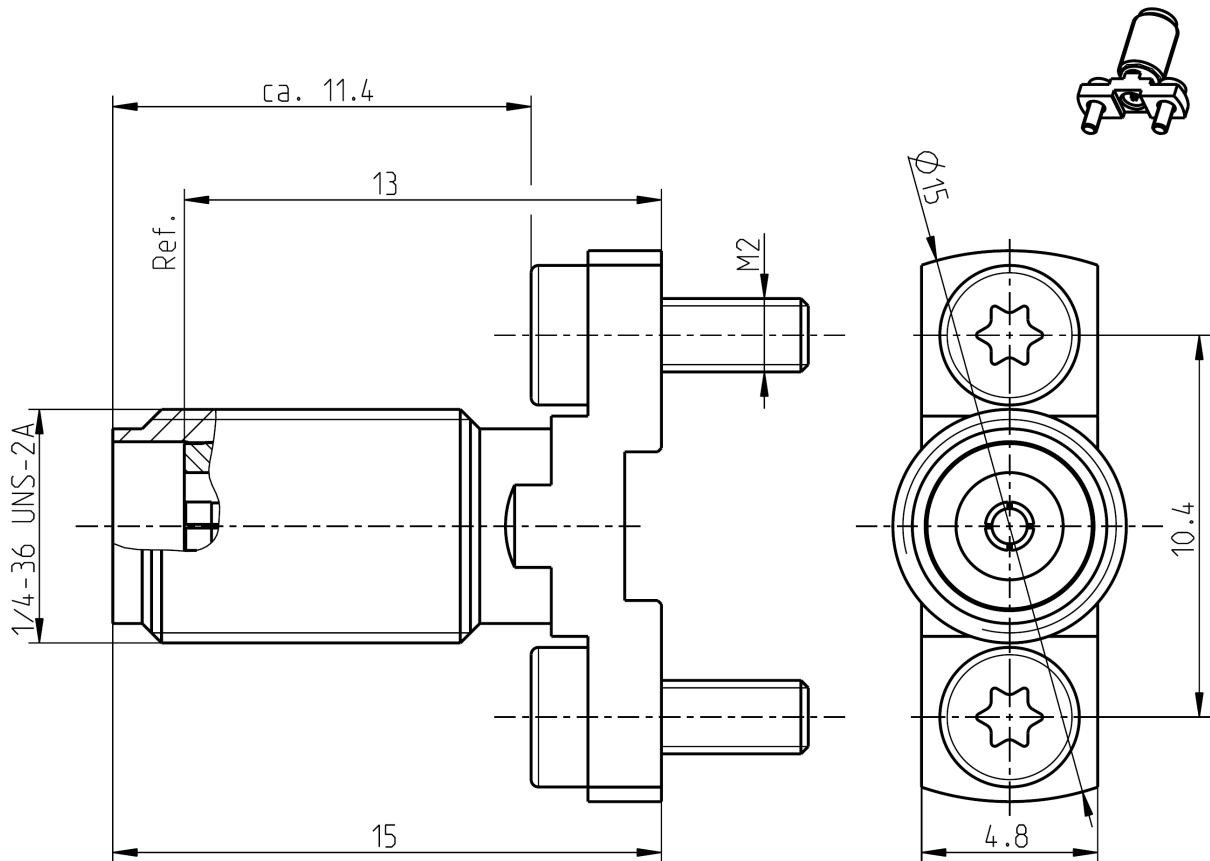




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to
Mechanically compatible with
Center conductor
To mate with

IEC 61169-35
RPC-3.50 and SMA
glued
99S205-40ML5, 99S2A5-40ML5

Documents

Datasheet

99S205-40ML5, 99S2A5-40ML5

Material and plating

Connector parts

Center contact
Outer contact
Dielectric
Screws
Glue

Material

CuBe
CuBe or equiv.
PTFE
Stainless steel
2 component adhesive

Plating

Gold, min. 1.27 µm, over chemical nickel
AuroDur®, gold plated

Tuflock coating

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RF_35/05.10/6.1

Technical Data Sheet				Rosenberger			
RPC-2.92		Jack 2-hole Flange		02K702-800L3			
Electrical data Impedance50 Ω FrequencyDC to 40 GHz Return loss≥ 26 dB, DC to 4 GHz ≥ 23 dB, 4 GHz to 26.5 GHz ≥ 19 dB, 26.5 GHz to 40 GHz Insertion loss≤ 0.01 x √f(GHz) dB Insulation resistance≥ 5 GΩ Center contact resistance≤ 3.0 mΩ Outer contact resistance≤ 2.0 mΩ Test voltage750 V rms Working voltage250 V rms RF-leakage≥ 100 dB up to 1 GHz Mechanical data Mating cycles≥ 500 Center contact captivation: axial≥ 20 N Coupling test torque1.70 Nm Recommended torque0.80 Nm to 1.10 Nm Recommended torque fastening screws0.3 Nm Environmental data Temperature range-40°C to +125°C Thermal shockMIL-STD-202, Method 107, Condition B CorrosionMIL-STD-202, Method 101, Condition B VibrationMIL-STD-202, Method 204, Condition D ShockMIL-STD-202, Method 213, Condition I Moisture resistanceMIL-STD-202, Method 106 RoHScompliant Tooling N/A Suitable cables N/A Packing Standard50 pcs in blister Weight3.5 g/pce							
Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Armin Maiwälder	13.01.14	A. Ofensberger	18.12.19	b00	19-2358	A. Youmsi	18.12.18
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

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