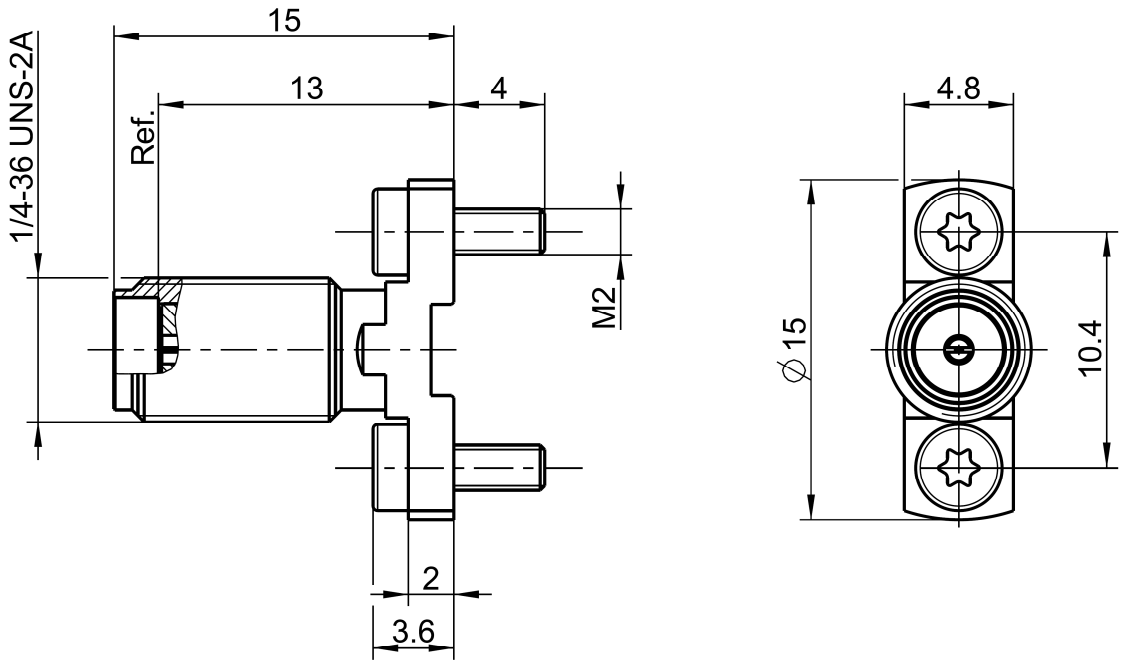
TECHNICAL DATA SHEET	Rosenberger
SMA JACK 2-HOLE FLANGE	**32K701-800L3**



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

Interface

According to	IEC 60169-15, EN 122110, MIL-STD-348
Mechanical compatible with	RPC-2.92 and RPC-3.50
Center conductor	glued
To mate with	99S205-40ML5, 99S2A5-40ML5

Documents

Datasheet	99S205-40ML5, 99S2A5-40ML5

Material and plating

Connector parts	**Material**	**Plating**
Center contact	CuBe	Gold, min. 1.27 µm, over chemical nickel
Outer contact	CuBe or equiv.	AuroDur®, gold plated
Dielectric	PTFE	
Screws	Stainless steel	Tuflok coating
Glue	2 Component adhesive	

Rosenberger Hochfrequenztechnik GmbH & Co. KG
P.O.Box 1260 D-84526 Tittmoning Germany
www.rosenberger.de

Tel.: +49 8684 18-0

email: info@rosenberger.de

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Electrical data

Impedance	50 Ω
Frequency	DC to 18 GHz
Return loss	≥ 25 dB, DC to 18 GHz
Insertion loss	$\leq 0.01 \times \sqrt{f(GHz)}$ dB
Insulation resistance	≥ 5 x10^3 MΩ
Center contact resistance	≤ 3 mΩ
Outer contact resistance	≤ 2 mΩ
Test voltage	750 V rms
Working voltage	250 V rms

Mechanical data

Mating cycles	≥ 500
Center contact captivation: axial	≥ 27 N
radial	≥ 3 Ncm
Coupling test torque	max. 1.7 Nm
Recommended torque	0.8 Nm to 1.1 Nm
Recommended torque fastening screws	0.3 Nm

Environmental data

Temperature range	-55°C to +155°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Tooling

N/A

Suitable cables

N/A

Weight

2.45 g/pce

Draft	Date	Approved	Date
Armin Maiwälder	21.10.15	A. Ofensberger	16.12.19

Rev.	Engineering change number	Name	Date
400	19-2358	A. Youmsi	16.12.19

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