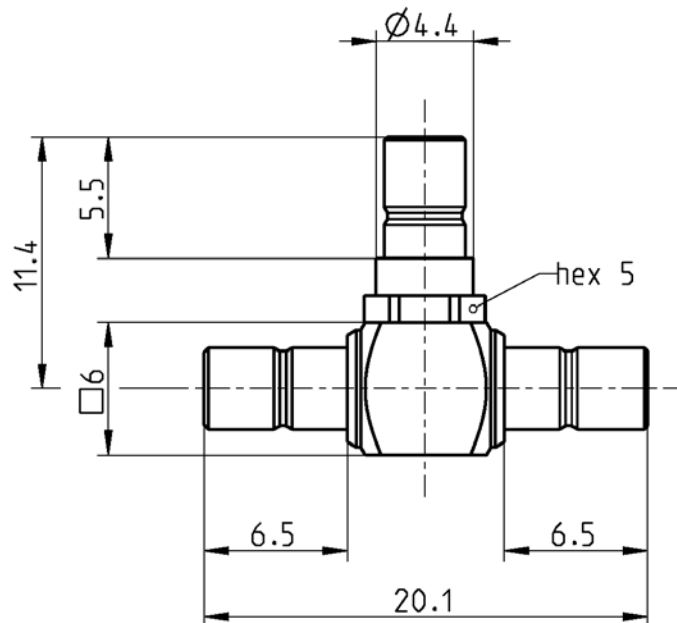




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to

IEC 60169-10, CECC 22130, US MIL-C-39012

Documents

N/A

Material and plating

Connector parts

Center contact
Outer contact
Outer contact
Body
Dielectric

Material

Brass
Brass
Brass
Brass
PTFE

Plating

AuroDur. gold plated
AuroDur. gold plated
AuroDur. gold plated
AuroDur. gold plated

TECHNICAL DATA SHEET

Rosenberger®

**SMB T-ADAPTOR
PLUG – PLUG - PLUG**

59S301-S00L5

Electrical data

Impedance	50 Ω
Frequency	DC to 4 GHz
Insulation resistance	≥ 1x10 ³ MΩ
Center contact resistance	≤ 5 mΩ
Outer contact resistance	≤ 2.5 mΩ
Test voltage	750 V rms, 50 Hz, at sea level
Working voltage	≤ 250 V rms, 50 Hz, at sea level
Contact current	1.5 A DC typ.
RF-leakage	≥ 55 dB up to 1 GHz

Mechanical data

Mating cycles	≥ 500
Center contact captivation: axial	≥ 10 N
Engagement force	≤ 63 N
Disengagement force	8 N min. to 63 N max.

Environmental data

Temperature range	-55°C to +155°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Moisture resistance	MIL-STD-202, Meth. 106
2002/95/EC (RoHS)	compliant

Tooling

N/A

Suitable cables

N/A

Packing

Standard	1 pce in box
Weight	2.4 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
Inge Mühlauer	14/12/04	König A.	04.07.07	c00	07-0154	S_Kra.	04.07.07
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