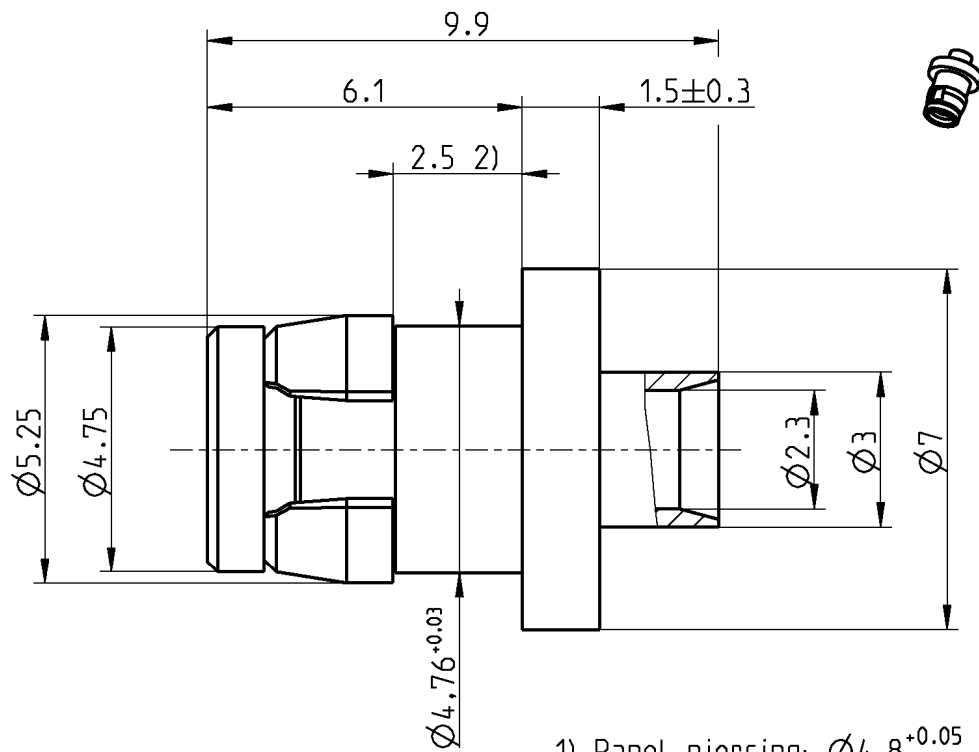




- 1) Panel piercing: $\varnothing 4.8^{+0.05}$
 2) Measured when retaining clip is fully pushed towards contact area.

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

Interface

According to MIL-STD-348

Documents

Assembly instruction 19 E4
 Panel piercing B 618

Material and plating

Connector parts

Center contact
 Outer contact
 Dielectric

Material

Brass
 Brass
 PTFE

Plating

AuroDur®, gold plated
 AuroDur®, gold plated

Electrical data

Impedance	50 Ω
Frequency	DC to 26.5 GHz
Return loss	≥ 30 dB, DC to 4 GHz
	≥ 20 dB, 4 to 12 GHz
	≥ 18 dB, 12 to 26.5 GHz
Insertion loss	$\leq 0.05 \times \sqrt{f(\text{GHz})}$ dB, DC to 26.5 GHz
Insulation resistance	≥ 5 G Ω
Center contact resistance	≤ 6.0 m Ω
Outer contact resistance	≤ 2.0 m Ω
Test voltage	500 V rms
Working voltage	335 V rms
Contact Current	1.2A DC max.

- Limitations are possible due to the used cable type -

Mechanical data

Mating cycles	≥ 500
Center contact captivation:	≥ 7 N
Engagement force	
- limited detent	45 N max.
Disengagement force	
- limited detent	9 N min.

Environmental data

Temperature range	-65°C to +155°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Vibration	MIL-STD-202, Method 204, Condition B
Shock	MIL-STD-202, Method 213, Condition A
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

Tooling

Extraction tool	11W101-000
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Suitable cables

RG 405 /U, UT 85-M17

Weight

Weight	1.04 g/pce
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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	17/08/04	C. Janssen	24.08.16	f00	16-1442	Markus Wallner	24.08.16

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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