



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

Interface

According to MIL-STD-348

Documents

Assembly instruction 19 E4
Panel piercing B 54

Material and plating

Connector parts

Center contact	Brass
Outer contact	Brass
Dielectric	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	≤ 0.05 x √f(GHz) dB, DC to 12 GHz
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 6.0 mΩ
Outer contact resistance	≤ 2.0 mΩ
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

N/A

Suitable cables

RG 405 /U, UT 85-M17

Weight

Weight 1.41 g/pce

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For the installation of the electrotechnical equipment, particular electrotechnical expertise is required.



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Rong Fang	19.03.07	Chr. Janßen	29.10.20	d00	20-1927	S. Huber-Siegl	29.10.20
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		Page 2 / 2

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