



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

**Interface**

According to MIL-STD-348

**Documents**

PCB layout B 229

**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	≥ 26 dB @ DC to 6 GHz ≥ 21 dB @ 6 GHz to 12 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 (at sea level)	500 V rms
Working voltage (at sea level)	335 V rms
Contact Current	≤ 1.2A DC

- VSWR in application depends decisive on PCB layout

**Mechanical data**

Mating cycles	≥ 500
Center contact captivation	≥ 7 N
Engagement force	
- Limited detent	≤ 45 N
Disengagement force	
- Limited detent	≥ 9 N

**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
Max. soldering temperature	IEC 61760-1, +260 °C for 10 sec.
RoHS	compliant

**Tooling**

N/A

**Suitable cables**

N/A

**Weight**

Weight 0.5 g/pce

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



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RF\_35/05.10/6.0

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
A. König	05/02/07	Chr. Janßen	27.10.20	b00	20-1927	S. Huber-Siegl	27.10.20
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany <a href="http://www.rosenberger.de">www.rosenberger.de</a>						Tel. : +49 8684 18-0 Email : <a href="mailto:info@rosenberger.de">info@rosenberger.de</a>	
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