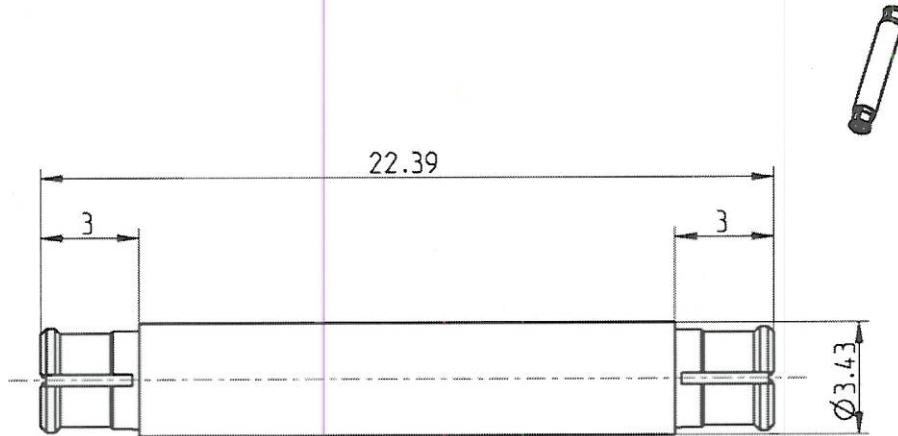


TECHNICAL DATA SHEET	Rosenberger®
ADAPTOR SMP JACK - JACK	19K117-K00L5



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

Interface

According to

MIL-STD-348A, Fig. 326

Documents

N/A

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

CuBe
CuBe
PTFE

Plating

AuroDur®, gold plated
AuroDur®, gold plated

RF_35/12.04/3.0

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TECHNICAL DATA SHEET	Rosenberger®
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Electrical data	
Impedance	50 Ω
Frequency	DC to 26.5 GHz
Return loss	≥ 30 dB, DC to 4 GHz ≥ 18 dB, 4 to 12 GHz ≥ 15 dB, 12 to 18 GHz
Insertion loss	≤ 0.1 × √f(GHz) dB, DC to 18 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.
Mechanical data	
Mating cycles	≥ 1000
if mating part is smooth bore	≥ 500
if mating part is limited detent	≥ 100
if mating part is full detent	≥ 7 N
Center contact captivation	≥ 7 N
Engagement force	
- smooth bore	9 N max.
- limited detent	45 N max.
- full detent	68 N max.
Disengagement force	
- smooth bore	2.2 N min.
- limited detent	9 N min.
- full detent	22 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
2002/95/EC (RoHS)	compliant
Tooling	
	N/A
Suitable cables	
	N/A
Packing	
Standard	300 pcs in bag
Weight	0.8 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
A. König	27/09/07	A. König	27/09/07	a00	07-0154	S. Huber-Siegl	27/09/07
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RF_35/12.04/3.0