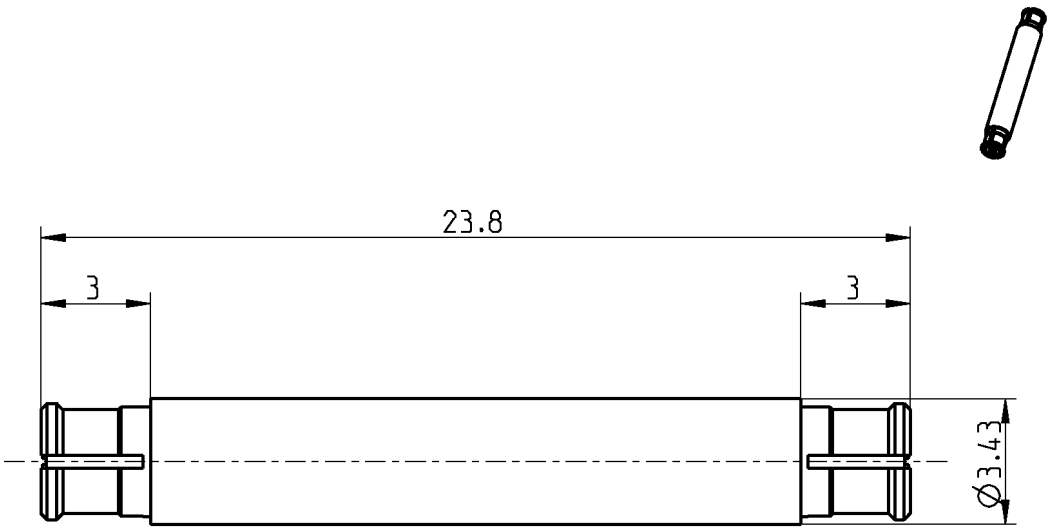
TECHNICAL DATA SHEET

Rosenberger

Adaptor
SMP jack - jack

19K107-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	**Material**	**Plating**
Center contact	CuBe	AuroDur®, gold plated
Outer contact	CuBe	AuroDur®, gold plated
Dielectric	PTFE	

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

TECHNICAL DATA SHEET	Rosenberger
Adaptor SMP jack - jack	**19K107-K00L5**

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 x $\sqrt{f(GHz)}$ 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	
if mating part is smooth bore	≥ 1000
if mating part is limited detent	≥ 500
if mating part is full detent	≥ 100
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
RoHS	compliant

Tooling

N/A

Suitable cables

N/A

Weight

Weight 0.95 g/pce

Draft	Date	Approved	Date
A. König	27/09/07	Sa. Krautenbacher	12.03.14

Rev.	Engineering change number	Name	Date
b00	14-0352	T. Krojer	12.03.14

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for RF Adapters - In Series ***category:***

Click to view products by Rosenberger ***manufacturer:***

Other Similar products are found below :

5916-1103-603 5919-1503-000 651A505 82-5552 9030-9523-502 PN2C A0407000 R114703000W R125771001 R141710000W R141723161 R141730000 R143730700 R143770000 R161703000W R161753000W R161791530W R201705000 R222705200 R222M40010W R223703180 R316754000 R405006000 R443162000 AD78TL HRM-513S 1996352-2 2157155-1 252169-75 AD158 2101130-1 252186 R114704000W R114720000W R125705001 R125705701 R125771000 R125771001W R127704001 R127.870.001 R127872001 R141717000 R142710000 R142723000 R143703000 R143704000 R143705700 R161715000W R161771000W R176754000