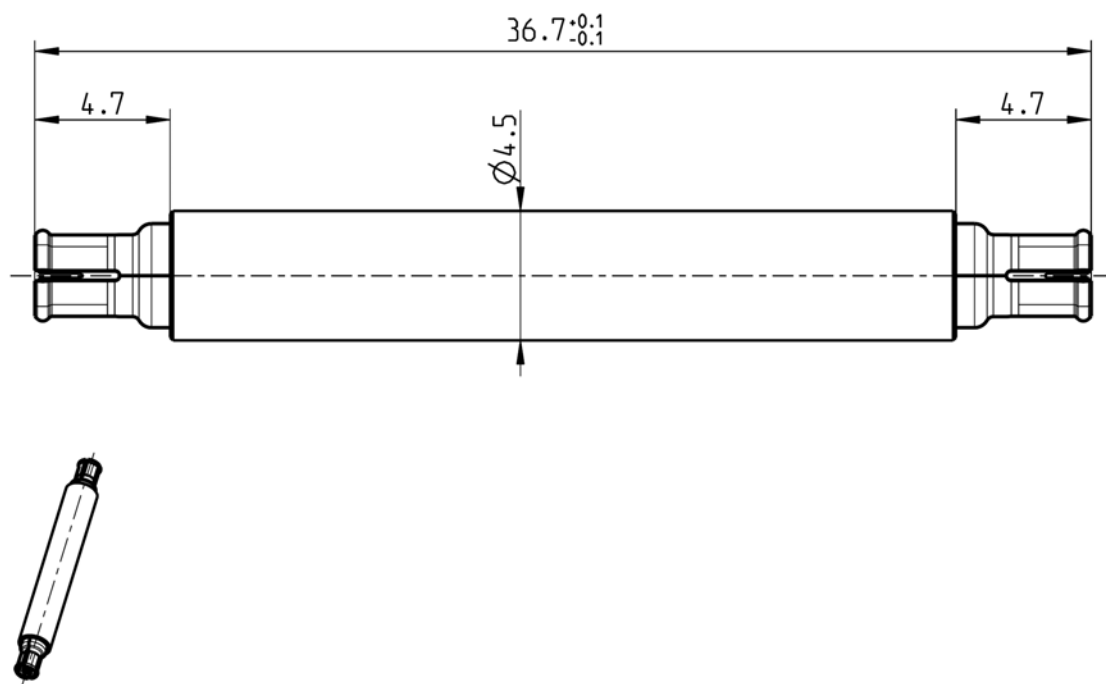


ADAPTOR

Long-wipe SMP JACK – LONG-WIPE SMP JACK

17K117-K04L5

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

Interface

According to

Rosenberger Longwipe SMP 17K000-000-1a
For better mech. function (self alignment)

Documents

N/A

Material and plating**Connector parts**

Center contact
Outer contact
Body
Dielectric

Material

Beryllium copper
Beryllium copper
Brass
PTFE

Plating

AuroDur®, gold plated
AuroDur®, gold plated
Flash white bronze over silver (e.g. Optargen®)

TECHNICAL DATA SHEET

Rosenberger

ADAPTOR

Long-wipe SMP JACK – LONG-WIPE SMP JACK

17K117-K04L5

Electrical data

Impedance	50 Ω
Frequency	DC to 6 GHz
Return loss	≥ 26 dB, DC to 4 GHz
Insertion loss	≤ 0.05 x $\sqrt{f(\text{GHz})}$ 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	≥ 5 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

Weight

Weight	2.5 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
Huppenberger	16/12/09	Sa. Krautenbacher	11.03.14	b00	14-0352	T. Krojer	11.03.14

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