



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

**Interface**

According to Long-wipe SMP (Rosenberger 17S000-000)

**Documents**

N/A

**Material and plating**

**Connector parts**

Center contact  
Outer contact  
Dielectric

**Material**

Beryllium copper  
Beryllium copper  
PTFE

**Plating**

AuroDur®, gold plated  
AuroDur®, gold plated

**ADAPTOR**

LONG WIPE SMP JACK – LONG WIPE SMP JACK

**17K117-K02L5**

**Electrical data**

Impedance	50 Ω
Frequency	DC to 6 GHz
Return loss	≥ 26 dB, DC to 4 GHz
Insertion loss	≤ 0.05 x √f(GHz) dB
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

**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
- Limited Detent	≤ 45 N
- Full Detent	≤ 68 N
Disengagement force	
- Smooth Bore	≥ 2.2 N
- Limited Detent	≥ 9 N
- Full Detent	≥ 22 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
2002/95/EC (RoHS)	compliant

**Tooling**

N/A

**Suitable cables**

N/A

**Weight**

Weight 0.15 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
Gramsamer Josef	09/09/09	Sa. Krautenbacher	11.03.14	b00	14-0352	T. Krojer	11.03.14
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