



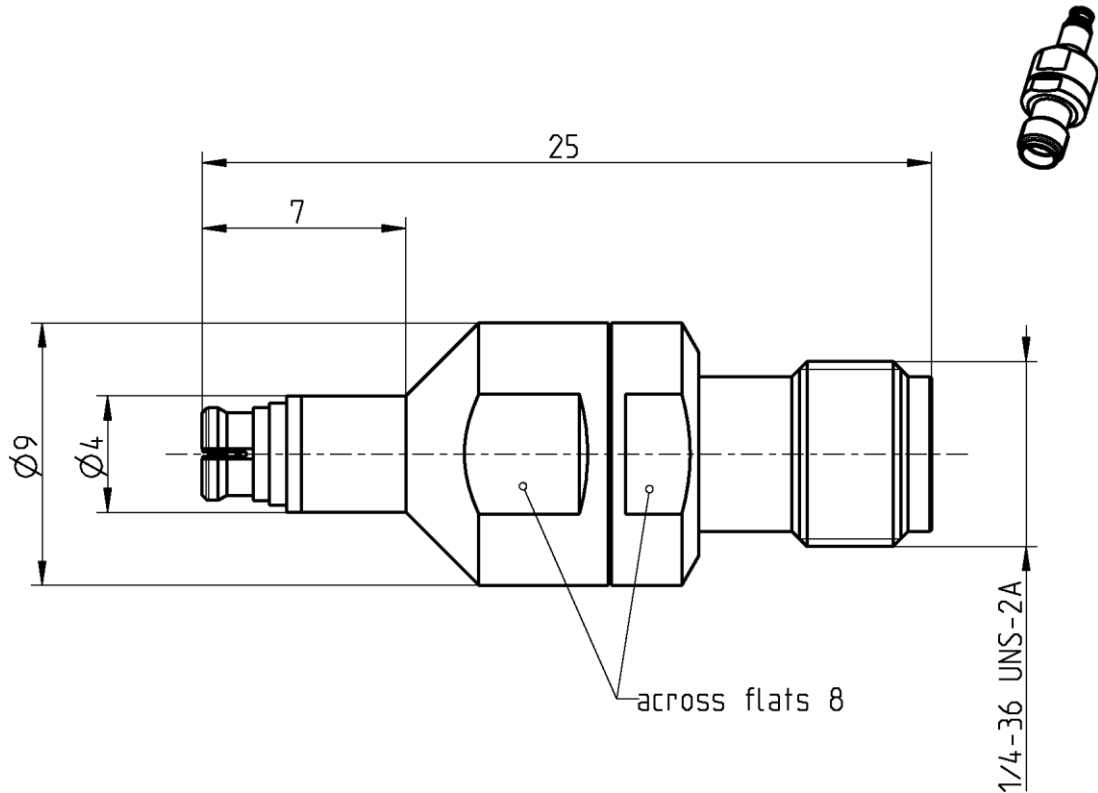
**THE DATASHEET OF  
19K132-K00D3**



SMP

Adaptor  
SMP Jack – SMA Jack

**19K132-K00D3**



All dimensions are in mm; tolerances according to ISO 2768 m-H

**Interface**

According to	SMP side:	MIL-STD-348
	SMA side:	IEC 60169-15; EN 122110; MIL-STD-348

**Documents**

N/A

**Material and plating**

**Connector parts**

Center contact	<b>Material</b> CuBe	<b>Plating</b> Gold, min. 0.8 µm, over chemical nickel
Outer contact SMP side	CuBe	Gold, min. 1.27 µm, over chemical nickel
Outer contact SMA side	Stainless steel	Passivated
Dielectric	PTFE	

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SMP

Adaptor  
SMP Jack – SMA Jack

**19K132-K00D3**

**Electrical data**

Impedance	50 Ω	
Frequency	DC to 26.5 GHz	
Return loss	≥ 35 dB, DC to 4 GHz	
	≥ 26 dB, 4 to 10 GHz	
	≥ 18 dB, 10 to 18 GHz	
Insertion loss	≤ 0.05 x √f(GHz) dB	
Insulation resistance	≥ 5 GΩ	
Center contact resistance	≤ 6.0 mΩ, SMP side;	≤ 3 mΩ, SMA side
Outer contact resistance	≤ 2.0 mΩ, SMP side;	≤ 2 mΩ, SMA side
Test voltage	500 V rms	
Working voltage	335 V rms	
Contact Current	1.2A DC max.	

**Mechanical data**

	SMP side	SMA side
Mating cycles		min. 500
if mating part is smooth bore	≥ 1000	
if mating part is limited detent	≥ 500	
if mating part is full detent	≥ 100	
Center contact captivation: axial	≥ 27 N	≥ 27 N
Engagement force		N/A
- smooth bore	9 N max.	
- limited detent	45 N max.	
- full detent	68 N max.	
Disengagement force		N/A
- smooth bore	2.2 N min.	
- limited detent	9 N min.	
- full detent	22 N min.	
Coupling test torque	N/A	max. 1.7 Nm
Recommended torque	N/A	0.8 Nm to 1.1 Nm

**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 4.6 g/pce

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



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Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Inge Mühlauer	17.08.04	Chr. Janßen	26.10.20	f00	20-1927	S. Huber-Siegl	26.10.20






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