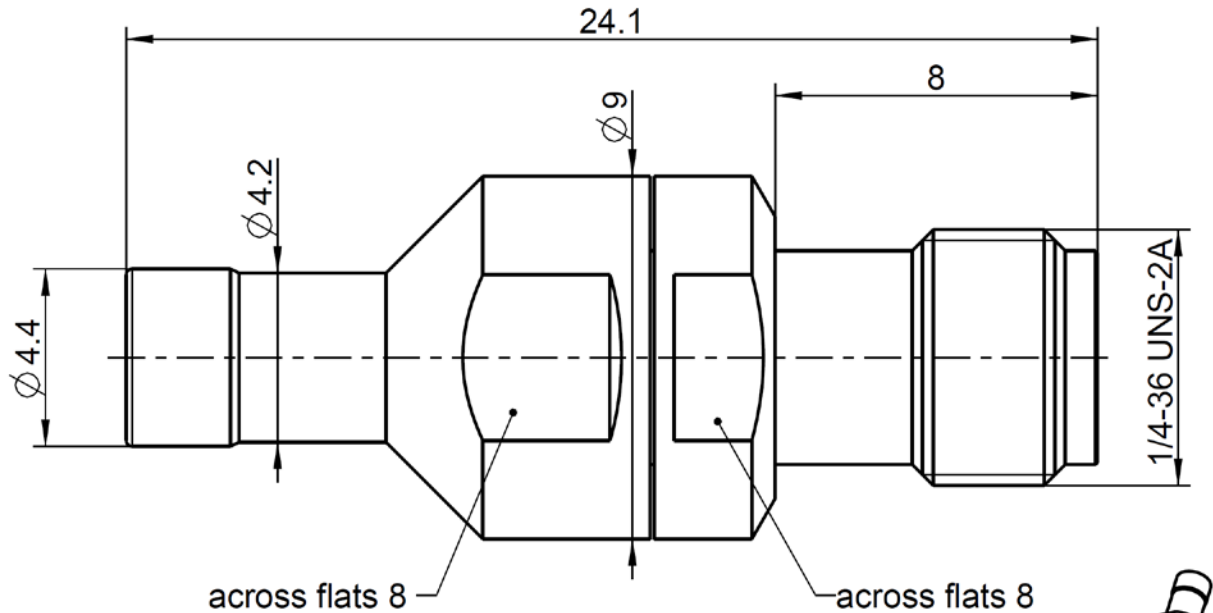


VIA

Adaptor  
VIA male – SMA female

**B2BS132-K00L5**



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

**Interface**

According to VIA-side: Rosenberger B2B-VIA  
SMA side: IEC 60169-15; EN 122110; MIL-STD-348

**Documents**

N/A

**Material and plating**

**Connector parts**

- Center contact
- Outer contact 1
- Outer contact 2
- Dielectric

**Material**

- CuBe or equiv.
- Brass
- Stainless steel
- PTFE

**Plating**

- AuroDur®, gold plated
- AuroDur®, gold plated
- Passivated

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VIA

Adaptor  
VIA male – SMA female

**B2BS132-K00L5**

**Electrical data**

Impedance 50 Ω  
 Frequency DC to 6 GHz  
 Return loss ≥ 43 dB @ DC to 4 GHz  
 ≥ 35 dB @ 4 GHz to 6 GHz  
 Insertion loss ≤ 0.1 x √f [GHz] dB  
 Insulation resistance ≥ 5 GΩ  
 Center contact resistance ≤ 6 mΩ  
 Outer contact resistance ≤ 5 mΩ  
 Test voltage (at sea level) 500 V rms  
 Working voltage (at sea level) 335 V rms  
 Screening Attenuation ≥ 70 dB up to 6 GHz

**Mechanical data**

	VIA side	SMA side
Mating cycles	≥ 100	≥500
Center contact captivation	≥ 7 N	≥27 N
Disengagement force VIA side	Δ 5N (between Limited Detent and Smooth Bore)	
Working range	2 mm (± 1 mm)	
Radial misalignment	± 0.6 mm / 4°	
Pitch	≥ 6.5 mm	

**Environmental data**

Temperature range -55 °C to +125 °C  
 Thermal shock MIL-STD-202, Method 107, Condition B  
 Climatic category IEC 61169-1, Sub-clause 9.4.5 (+155 °C, 250 hours)  
 Moisture resistance MIL-STD-202, Method 106  
 Vibration MIL-STD-202, Method 204, Condition B  
 Shock MIL-STD-202, Method 213, Condition A  
 RoHS compliant

**Tooling**

N/A

**Weight**

Weight 4.45g/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
B. Aicher	18.06.15	B_Aicher	01.08.17	300	17-v259	A_Wallner	01.08.17
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						Page 2 / 2	