



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

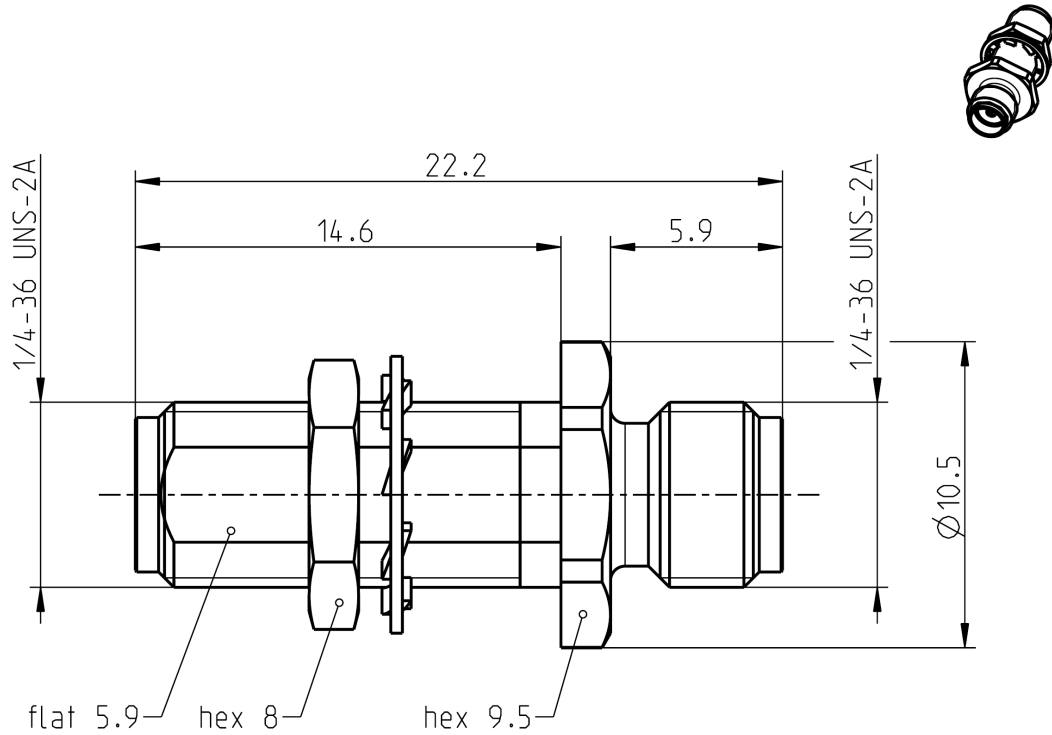
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



SMA

Adaptor  
SMA Jack – SMA Jack

**32K601-K00L5**



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

**Interface**

According to IEC 60169-15, EN 122110, MIL-STD-348

**Documents**

Panel piercing B 56

**Material and Plating**

**Connector parts**

Center contact  
Outer contact  
Dielectric

**Material**

CuBe  
CuBe or equiv.  
PTFE

**Plating**

AuroDur®, gold plated  
AuroDur®, gold plated

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# Technical Data Sheet

# Rosenberger

SMA

Adaptor  
SMA Jack – SMA Jack

**32K601-K00L5**

## Electrical Data

Impedance	50 Ω
Frequency	DC to 18 GHz
Return loss	$\leq 1.05 + 0.005 \times f$ [GHz]
Insertion loss	$\leq 0.03 \times \sqrt{f(\text{GHz})}$ dB
Insulation resistance	$\geq 5 \times 10^3$ MΩ
Center contact resistance	$\leq 3$ mΩ
Outer contact resistance	$\leq 2$ mΩ
Test voltage	1000 V rms
Working voltage	480 V rms
Power handling (at 20 °C, sea level, VSWR 1.0)	$\leq 200$ W @ 2 GHz
RF-leakage	$\geq 100$ dB up to 1 GHz

## Mechanical Data

Mating cycles	$\geq 500$
Center contact captivation: axial	$\geq 27$ N
radial	$\geq 3$ Ncm
Coupling test torque	$\leq 1.7$ Nm
Recommended torque	0.8 Nm to 1.1 Nm

- Panel thickness max. 6.4 mm -

## Environmental Data

Temperature range	-65 °C to +165 °C
Thermal shock	MIL-STD-202, Method 107, Condition B
Corrosion	MIL-STD-202, Method 101, Condition B
Vibration	MIL-STD-202, Method 204, Condition D
Shock	MIL-STD-202, Method 213, Condition I
Moisture resistance	MIL-STD-202, Method 106
RoHS	compliant

## Tooling

N/A

## Suitable Cables

N/A

## Weight

Weight 3.4 g/pc

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
F. Fraunhofer	27.03.14	J_Krautenbacher	15.07.16	c00	15-1629	I_Wallner	15.07.16

Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de	Tel. : +49 8684 18-0 Email : info@rosenberger.de	Page 2 / 2
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