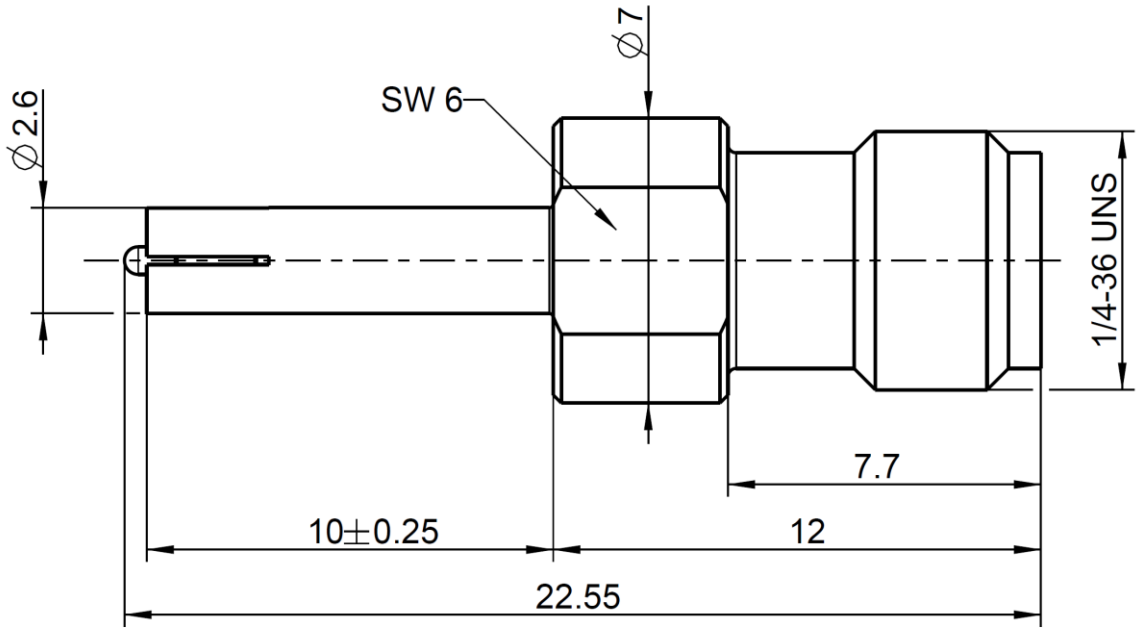
TECHNICAL DATA SHEET

Rosenberger®

Micro RF SNAP-ON ADAPTER

15S132-K02L5



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

Interface

According to	SMA IEC 169-15 15K101-40M

Material and plating

Connector parts	**Material**	**Plating**
Center contact	Beryllium copper	Gold, min. 0.8 µm, over chemical nickel
Outer contact	Beryllium copper	Gold, min. 0.8 µm, over chemical nickel
Outer contact	Brass	Gold, min. 0.8 µm, over chemical nickel
Insulator	PTFE	

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Electrical data

Impedance	50 Ω
Frequency	DC to 6 GHz
Return loss	≤ -21 dB, DC to 2 GHz
	≤ -17 dB, 2 to 4 GHz
	≤ -15 dB, 4 to 6 GHz
Insulation resistance	≥ 0.5 x10^3 MΩ
Center contact resistance	≤ 50 mΩ
Outer contact resistance	≤ 50 mΩ
Working voltage	4 V

Mechanical data

Mating form	Snap-on
Mating cycles	> 10,000
Mating force	< 6N
Unmating force	> 7N

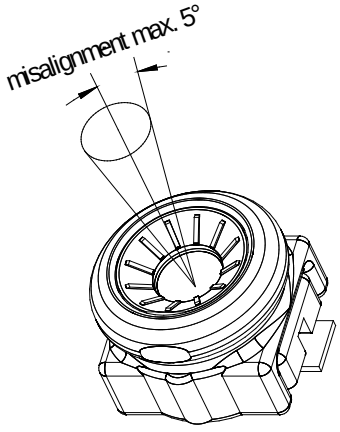
Environmental data

Temperature range	-40°C to +90°C
RoHS	compliant

Mating and un-mating

For the reliable mating and un-mating follow the precautions :

1. The vertical mating axis of the PCB receptacle and the adapter has to be aligned during the connecting and a hearable click will confirm that the connectors are mated correctly.
2. The disconnection of the 2 connectors is carried out by vertical pulling of the adapter.
3. The connectors should not be mated under an extreme angle.
4. The mating force should be in the limits 5 N ≤ F ≤ 10 N



Packing

Standard	1 pcs in plastic bag
Weight	1.97 g/pce

Draft	Date	Approved	Date
Michelmann Folke	09/05/07	Michelmann Folke	20.12.17

Rev.	Engineering change number	Name	Date
c00	17-2152	S.Hofmeister	20.12.17

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