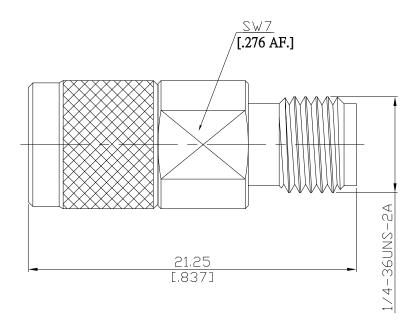


### Technical Data Sheet

# 2.92mm Snap-On Plug (Male) to 2.92mm Jack (Female) Adapter DC-40GHz VSWR1.15

## AD-KQ1K25A / 99X-9X



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

### Interface

Mechanically compatible with

According to

Electrical Data

Impedance

Frequency

VSWR (Return Loss)

Insertion Loss
Insulation Resistance

Test Voltage (at sea level) Working Voltage (at sea level)

RF Leakage

3.5 mm and SMA

IEC 61169-35, IEEE Std 287-2007

50 Ω

DC to 40 GHz

≤ 1.15 (≥ 23.13 dB)

≤ 0.04 x √F (GHz) dB

≥ 5 GΩ

750 V rms

250 V rms

 $\geq$  100 dB up to 1 GHz

#### Material And Platina

Malerial Alia Halling		
Piece Parts (2.92mm Snap-On)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating, 3 µinch
		(Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Beryllium Copper	Gold plating, 3 µinch
		(Non-magnetic nickel-phosphorus underplating, 80 µinch)
Insulator	PEI	
Piece Parts (2.92mm)	Material	Plating
Centre Contact	Beryllium Copper	Gold plating, 3 µinch
		(Non-magnetic nickel-phosphorus underplating, 80 µinch)
Body	Stainless Steel	Passivated
Insulator	PEI	

The facts and figures herein are carefully compiled to the best of our	I Kov.	Rosnol RF/Microwave Technology Co., Ltd.	Page
knowledge, but they are intended for general informational purposes only.		www.rosnol.com; info@rosnol.com	
In the effort to improve our products, we reserve the right to make changes	I	Phone: +886-3-463-5095 / Fax: +886-3-463-5952	1/2
judged to be necessary.	12/7/2020	N-CAGE Code: SFKK0 / ISO9001 Certified	1/2



### Technical Data Sheet

# 2.92mm Snap-On Plug (Male) to 2.92mm Jack (Female) Adapter DC-40GHz VSWR1.15

## AD-KQ1K25A / 99X-9X

#### Mechanical Data

 Coupling mechanisms
 Screw-lock

 Mating Cycles
 ≥ 500

 Coupling Nut Retention
 N/A

 Center Contact Captivation: axial
 ≥ 20 N

 Weight
 0.0040 kg

 Coupling Test Torque
 1.70 Nm max.

 Recommended Torque
 0.9 Nm

### Environmental Data

Temperature Range
-60°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

### Packing

Single or 100

Rev.:-

12/7/2020