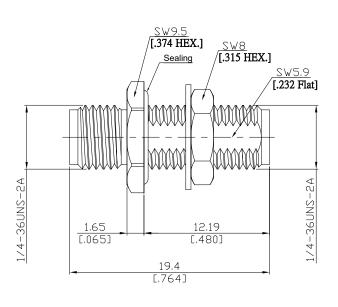


# Technical Data Sheet

## 2.92mm Jack (Female) to 2.92mm Jack (Female) Bulkhead Adapter, DC-40 GHz, VSWR ≤ 1.15

## AD-K2K25B-BH/9X-9X



IEC 61169-35; IEEE STD 287-2007

3.5mm and SMA

DC to 40 GHz

 $\leq 1.15 (\geq 23.13 \text{ dB})$ 

 $\leq 0.04 \text{ x} \sqrt{F(GHz)} dB$ 

≥ 100 dB up to 1 GHz

0.80 Nm to 1.10 Nm

50 Ω

≥5 GΩ

≤ 3.0 mΩ

 $\leq 2.0 \text{ m}\Omega$ 

750 V rms

250 V rms

Screw-lock

0.0042 kg

≥ 500

≥ 22 N

1.70 Nm

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

### Interface

According to Mechanically compatible with

### Electrical Data

Impedance Frequency VSWR (Return Loss) Insertion Loss Insulation resistance Center contact resistance Outer contact resistance Test voltage Working voltage RF-leakage

#### Mechanical Data

Coupling mechanisms Weight Mating cycles Center contact captivation Coupling test torque Recommended torque

#### **Environmental Data**

Temperature range	-55°C to +125°C
RoHS	compliant
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

The facts and figures herein are carefully compiled to the best of our		Rosnol RF/Microwave Technology	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		Phone: +886-3-463-5095 / Fax: +886-3-463-5952	1/2
judged to be necessary.	19/11/10	N-CAGE Code: SFKK0 / ISO9001 Certified	., =



# Technical Data Sheet

## 2.92mm Jack (Female) to 2.92mm Jack (Female) Bulkhead Adapter, DC-40 GHz, VSWR ≤ 1.15

# AD-K2K25B-BH/9X-9X

Material And Plating		
Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PEI	
Gasket	Silicone Rubber	
Fastening nut	Stainless Steel	Passivated
Washer	Stainless Steel	Passivated
Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Stainless Steel	Passivated
Insulator	PEI	
Related Document		

Mounting Dimension

### Packing

MD95

Single or 100

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