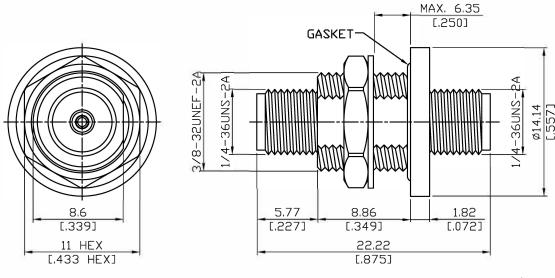


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ADS-K8K8-BF-GB-1.15

Hermetic 1*10⁻⁸ cc/sec of helium at 1atm 2.92mm jack to 2.92mm jack bulkhead, 40GHz VSWR 1.15

50Ω



MOUNTING 8.73
HOLE 8.73

Hermeticity of 1x10⁻⁸ cc/sec Helium at 1atm

	Parts	Material	Plating (Micro-inch)
	Hex Nut	Stainless Steel	Passivated
	Lock Washer	Stainless Steel	Passivated
	Gasket	VITON	
	Glass Seal	Kovar+Glass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
	Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
	Insulator	PEI	
	Flange Body	Stainless Steel	Gold 5 over Nickel 50
	Body	Stainless Steel	Passivated

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ADS-K8K8-BF-GB-1.15

Hermetic 1*10⁻⁸cc/sec of helium at 1atm

2.92mm jack to 2.92mm jack bulkhead, 40GHz VSWR 1.15

Interface

Standard MIL-STD-348B

Mechanically compatible with 3.5 & SMA

Electrical Data

Impedance 50Ω

Frequency Range DC to 40GHz

VSWR \leq 1.15 (DC To 40GHz) Insertion Loss \leq 0.08 x \sqrt{f} (GHz) dB

Insulation Resistance $\ge 5000 \text{M}\Omega$ Dielectric Withstanding Voltage (at sea level) 750 V rms Working Voltage (at sea level) 250 V rms

RF Leakage ≥100dB to 1GHz

Mechanical Data

Recommended Coupling Nut Torque 11.47 in-lbs Coupling Proof Torque 15 in-lbs Contact Captivation-axial \geq 4.9 lbs Durability (mating) \geq 500

Environmental Data

Temperature Range -10°C to +165°C

Thermal Shock MIL-STD-202, Method 107, Condition B

Moisture Resistance MIL-STD-202, Method 206

Corrosion MIL-STD-202, Method 101, Condition B

RoHS Compliant

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

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