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ALS-K3K8-1.1 Mitered 2.92mm Plug To 2.92mm Jack 40GHz VSWR 1.1 50Ω

Parts	Material	Plating ( Micro-inch )
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	PPO	
Body	Stainless Steel	Passivated
Coupling Nut	Stainless Steel	Passivated

This part number complies with RoHS.

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



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## Interface

Standard MIL-STD-348B Mechanically compatible with 3.5 & SMA

## **Electrical Data**

Impedance  $50\Omega$ 

Frequency Range DC to 40GHz

VSWR  $\leq$  1.1 (DC To 40GHz) Insertion Loss  $\leq$  0.05 x  $\sqrt{f}$ (GHz) dB

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

# Mechanical Data

Recommended Coupling Nut Torque11.47 in-lbsCoupling Proof Torque15 in-lbsContact Captivation-axial $\geq$ 4.9 lbsDurability (mating) $\geq$ 500

## **Environmental Data**

Temperature Range -55°C to +105°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

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