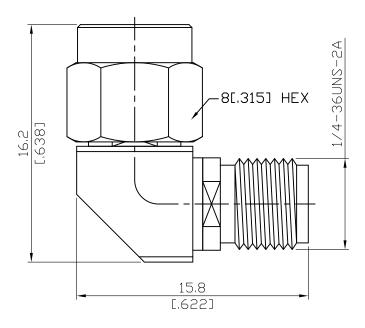


# www.jyebao.com.tw

ALS-A6A8-18

Mitered SMA Reverse Polarity Plug To SMA Plug 18GHz VSWR 1.2

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	Teflon	
Body	Stainless Steel	Passivated
Coupling Nut	Stainless Steel	Passivated
	<u> </u>	



ALS-A6A8-18

Mitered SMA Reverse Polarity Plug To SMA Plug 18GHz VSWR 1.2

## Interface

Reverse Polarity Plug Side:

Per JYEBAO SMA Reverse Polarity Plug derived from MIL-STD-348B

Standard Polarity Jack Side:

Per MIL-STD-348B; Mechanically compatible with 2.92 & 3.5

# Electrical Data

Impedance  $50\Omega$ 

Frequency Range DC To 18GHz

VSWR  $\leq$  1.2 (DC To 18GHz)

Insertion Loss  $\leq 0.06 \text{ x } \sqrt{\text{f(GHz)}} \text{ dB}$ 

Insulation Resistance  $\ge 5000 MΩ$  Dielectric Withstanding Voltage (at sea level) 1500 V rms

Working Voltage (at sea level) 500 V rms

#### Mechanical Data

Recommended Coupling Nut Torque7 to 9.5 in-lbsCoupling Proof Torque15 in-lbsCoupling Nut Retention Force $\geq$ 60.7 lbs

Contact Captivation-axial ≥6.1 lbs

Durability (mating)  $\geq 500$ 

## **Environmental Data**

Temperature Range -65°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.