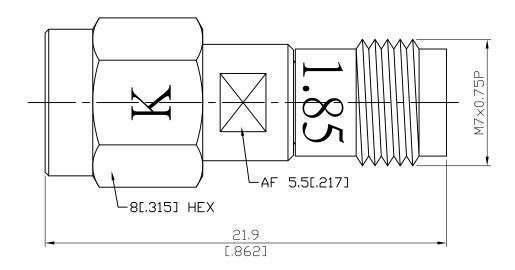


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ADS-K3-1.85/8-1.15

2.92mm Plug To 1.85mm Jack 40GHz VSWR 1.15

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	



ADS-K3-1.85/8-1.15	2.92mm Plug To 1.85mm Jack
ADS-1.05/0-1.15	40GHz VSWR 1.15

 Interface
 1.85
 2.92

 Standard
 IEEE287; IEC61169-32
 MIL-STD-348B

 Mechanically compatible with
 2.4
 SMA & 3.5

## **Electrical Data**

Impedance  $50\Omega$ 

Frequency Range DC To 40GHz

VSWR  $\leq$  1.15 (DC To 40GHz) Insertion Loss  $\leq$  0.05 x  $\sqrt{f}$ (GHz) dB

Insulation Resistance  $\ge 5000 M\Omega$ Dielectric Withstanding Voltage (at sea level) 500 V rms Working Voltage (at sea level) 150 V rms

RF leakage ≥100dB to 1GHz

Mechanical Data	1.85	2.92
Recommended Coupling Nut Torque	7.08 to 9.74 in-lbs	11.47 in-lbs
Coupling Proof Torque	15 in-lbs	15 in-lbs
Contact Captivation-axial	≧4.5 lbs	≧4.9 lbs
Durability (mating)	≥500	≥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

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

## ADS-K3-1.85/8-1.15

