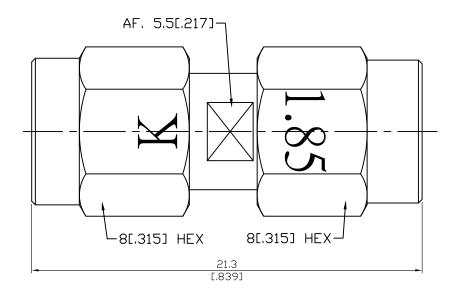


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ADS-K3-1.85/3-1.25

2.92mm Plug To 1.85mm Plug 40GHz VSWR 1.25

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	
	1		



ADS-K3-1.85/3-1.25	2.92mm Plug To 1.85mm Plug 40GHz VSWR 1.25	
Interface	1.85	2.92
Standard	IEEE287: IEC61169-32	MIL-STD-348B

Mechanically compatible with 2.4 SMA & 3.5

Electrical Data

Impedance 50Ω

Frequency Range DC To 40GHz

VSWR \leq 1.25 (DC To 40GHz) Insertion Loss \leq 0.05 x \sqrt{f} (GHz) dB

Insulation Resistance $\ge 5000 \text{M}\Omega$ 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-K3-1.85/3-1.25

