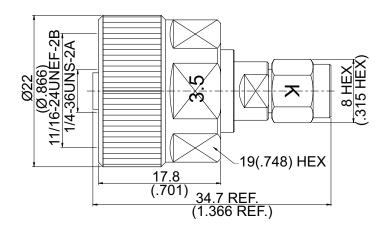


ADS-VNAPC8K3

## 3.5mm NMD jack to 2.92mm plug 34.5GHz VSWR 1.2

50Ω



Note:Ruggedized 3.5 jack to be mounted directly on vector network analyzer.

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	PEI		
Body	Stainless Steel	Passivated	
Coupling Nut	Stainless Steel	Passivated	

Weight:

This part number complies with RoHS.

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



ADS-VNAPC8K3	3.5mm NMD jack to 2.92mm plug 34.5GHz VSWR 1.2		
Interface	2.92	3.5	
Standard	MIL-STD-348B	IEC60169-23	
Mechanically compatible wit	3.5 & SMA	2.92 & SMA	

## **Electrical Data**

Impedance  $50\Omega$ 

Frequency Range DC To 34.5GHz

VSWR  $\leq$  1.2 (DC To 34.5GHz) Insertion Loss  $\leq$  0.04 x  $\sqrt{f}$ (GHz) dB

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

RF leakage ≥100dB to 1GHz

Mechanical Data	2.92	3.5
Recommended Coupling Nut Torque	11.47 in-lbs	7.1 to 9.7 in-lbs
Coupling Proof Torque	15 in-lbs	15 in-lbs
Contact Captivation-axial	≥4.9 lbs	≧6.1 lbs
Durability (mating)	≥500	≥500

## **Environmental Data**

Temperature Range -40°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

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## ADS-VNAPC8K3

