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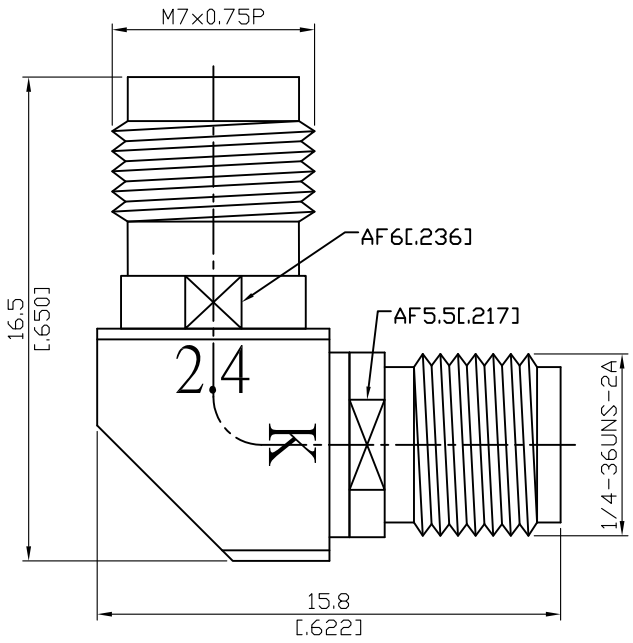
ALS-K8-2.4/8-1.1	Mitered 2.92mm Jack To 2.4mm Jack 40GHz VSWR 1.1	50Ω



Parts	Material	Plating (Micro-inch)
Insulator	PPO	
Centre Contact	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Stainless Steel	Passivated

This part number complies with RoHS.
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

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ALS-K8-2.4/8-1.1	Mitered 2.92mm Jack To 2.4mm Jack 40GHz VSWR 1.1

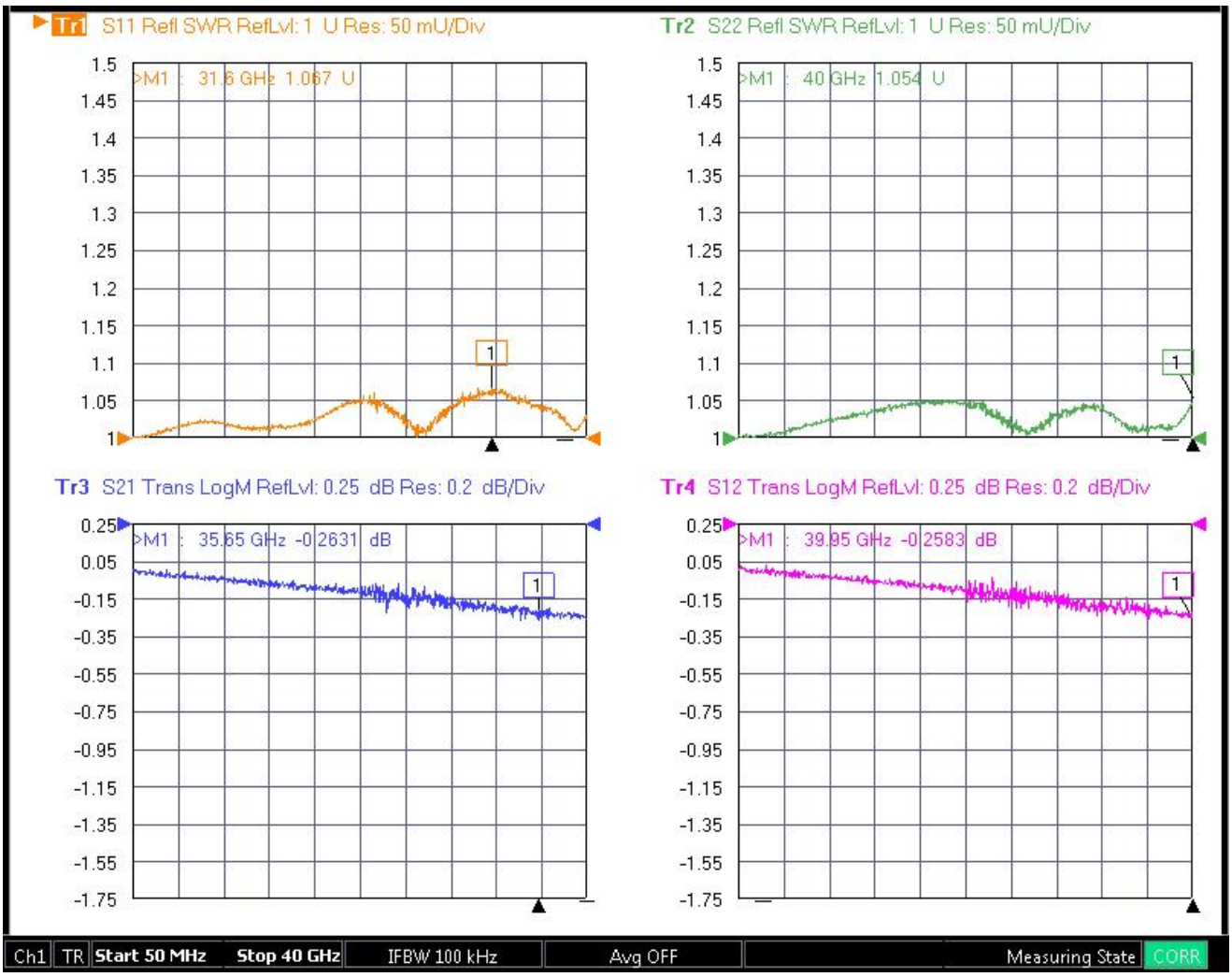
Interface	2.4	2.92
Standard	MIL-STD-348B	MIL-STD-348B
Mechanically compatible with	1.85	SMA & 3.5

Electrical Data	
Impedance	50Ω
Frequency Range	DC To 40GHz
VSWR	≦1.1 (DC To 40GHz)
Insertion Loss	≦0.06 x $\sqrt{f}$(GHz) dB
Insulation Resistance	≧5000MΩ
Dielectric Withstanding Voltage (at sea level)	500 V rms
Working Voltage (at sea level)	150 V rms
RF leakage	≧100dB to 1GHz

Mechanical Data	2.4	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

ALS-K8-2.4/8-1.1


Tr1 S11 Refl SWR RefLvl: 1 U Res: 50 mU/Div
>M1 : 31.6 GHz 1.067 U
Tr2 S22 Refl SWR RefLvl: 1 U Res: 50 mU/Div
>M1 : 40 GHz 1.054 U
Tr3 S21 Trans LogM RefLvl: 0.25 dB Res: 0.2 dB/Div
>M1 : 35.65 GHz -0.2631 dB
Tr4 S12 Trans LogM RefLvl: 0.25 dB Res: 0.2 dB/Div
>M1 : 39.95 GHz -0.2583 dB
Ch1 TR Start 50 MHz Stop 40 GHz IFBW 100 kHz Avg OFF Measuring State CORR