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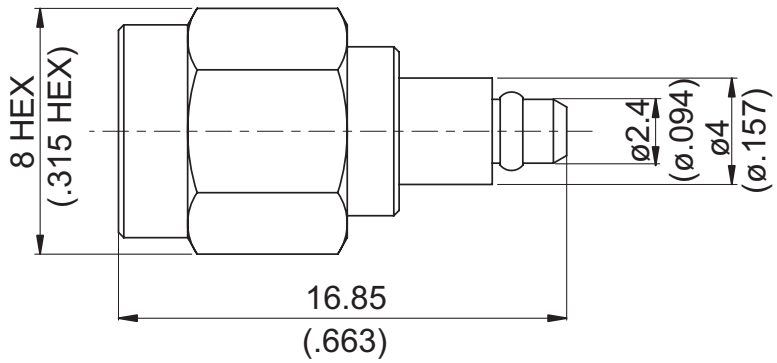
AD-A3E3	SMA Plug To MMCX Plug 6GHz VSWR 1.2	**50Ω**



Parts	Material	Plating (Micro-inch)
Renber Ring	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Insulator	Teflon	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Coupling Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 8.26 g

This part number complies with RoHS.

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

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AD-A3E3	SMA Plug To MMCX Plug 6GHz VSWR 1.2

Interface

	SMA	MMCX
Standard	MIL-STD-348B	IEC 61169-52
Mechanically Compatible With	2.92 & 3.5	

Electrical Data

Impedance	50Ω
Frequency Range	DC To 6GHz
VSWR	≦1.2 (DC To 6GHz)
Insertion Loss	≦0.03 x $\sqrt{}$f(GHz) dB
Insulation Resistance	≧5000MΩ
Dielectric Withstanding Voltage (at sea level)	500 V rms
Working Voltage (at sea level)	170 V rms

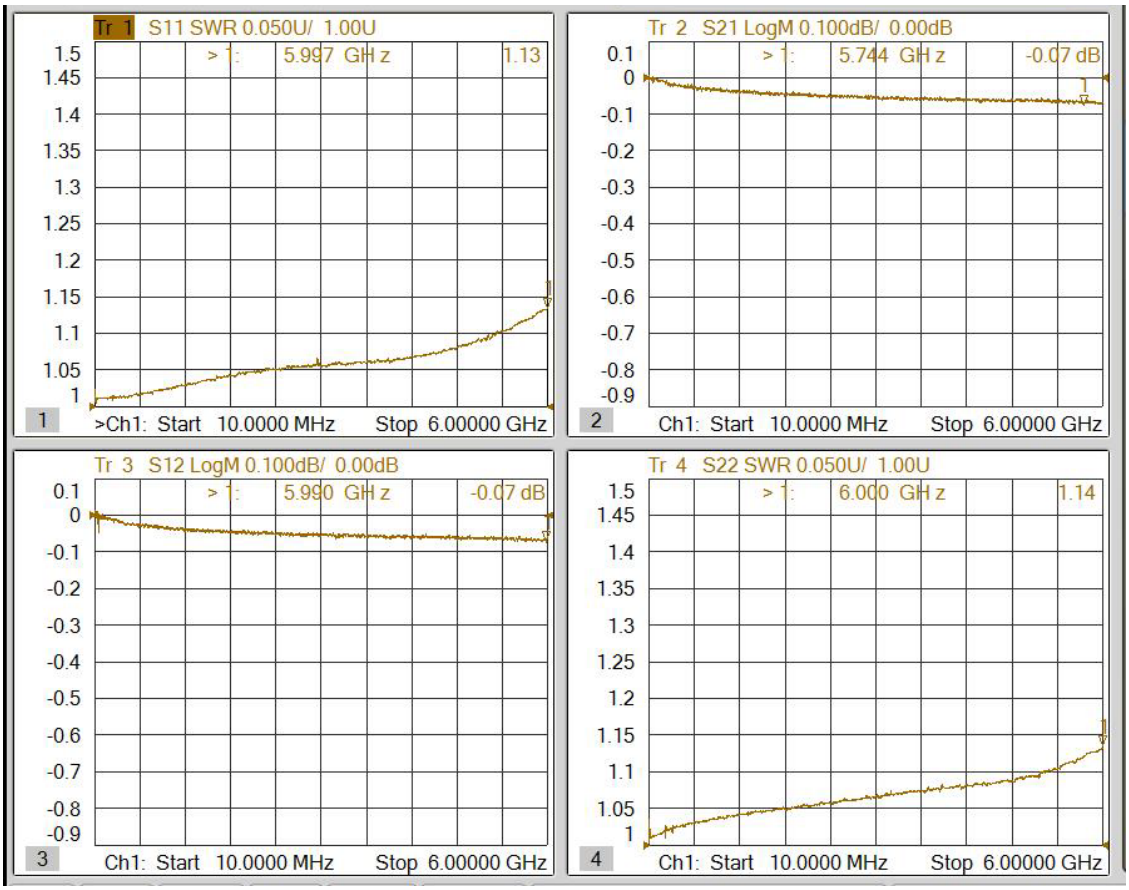
Mechanical Data

	SMA	MMCX
Recommended Coupling Nut Torque	4 in-lbs	NA
Coupling Proof Torque	5.3 in-lbs	NA
Coupling Nut Retention Force	≧60.7 lbs	NA
Engagement Force	NA	≦3.4 lbs
Disengagement Force	NA	1.4 to 3.4 lbs
Contact Captivation-axial	≧6.1 lbs	≧2.3 lbs
Durability (mating)	≧100	≧500

Environmental Data

Temperature Range	-55°C to +155°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

AD-A3E3 (+AD-A8E8)



Notes:

1. IL of AD-A8E8+AD-A3E3 measured
2. IL/2 = IL of AD-A3E3