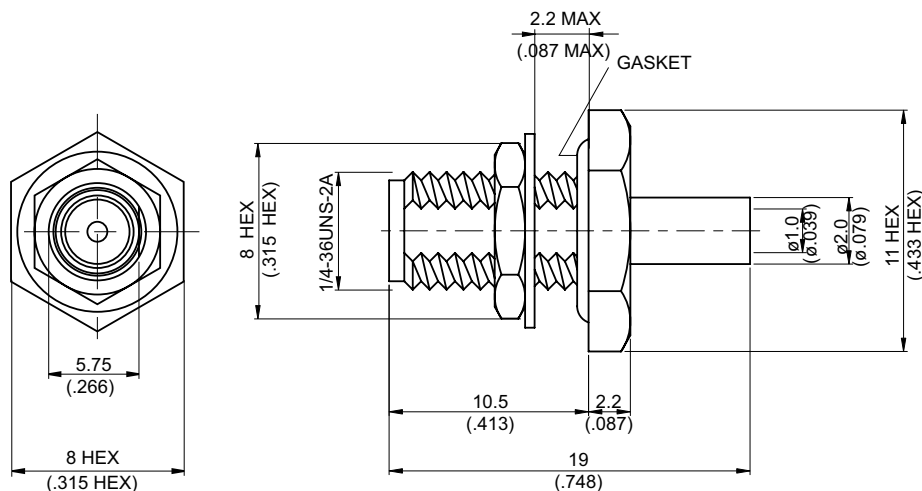


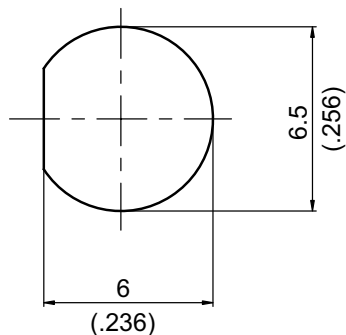
SMA8305-0034

**SMA Jack Solder Bulkhead For .034 semi-rigid
IP67 mated; 12.6GHz VSWR 1.2**

50Ω



MOUNTING HOLE :



Parts	Material	Plating (Micro-inch)
Hex Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Lock Washer	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Suitable Cables: Semi-rigid.034

This part number complies with RoHS.

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

SMA	SMA8305-0034
Interface MIL-STD-348B Mechanically compatible with 2.92 & 3.5	
Electrical Data Impedance 50Ω Frequency range DC to 12.6GHz VSWR ≤ 1.2 (DC to 12.6GHz) Insertion loss $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 3\text{m}\Omega$ Contact resistance outer conductor $\leq 2\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 1000 V rms Working voltage (at sea level) 335 V rms	
Mechanical Data Recommended coupling nut torque 4 inch lbs Coupling proof torque 5.3 inch lbs Coupling nut retention force ≥ 60.7 lbs Contact Captivation-axial ≥ 6.1 lbs Durability (mating) ≥ 100	
Environmental Data Temperature range -40°C to +165°C Thermal shock MIL-STD-202, Method 107, Condition B Moisture resistance MIL-STD-202, Method 106 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant	
Tooling Locator tool ST-002 & ST-012 Soldering fixture ST-008 Insert for .034 semi-rigid cable ST-034	

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CABLE ASSEMBLY INSTRUCTION

SMA8305-0034

JYE BAO CO., LTD.

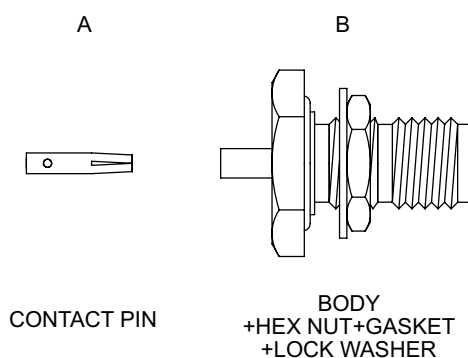


DIAGRAM	ASSEMBLY INSTRUCTION
	Step 1: STRIP AS SHOWN.
	Step 2: SLIDE BODY "B" OVER CABLE.
	Step 3: INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN "A" AND SOLDER IN "Y", USE 0.8 MM GAGE.
	Step 4: PUT CABLE INTO SOLDERING FIXTURE "ST-008". AND LOCK IT. PUT CONNECTOR AS SHOWN. Step 5: SCREW LOCATOR TOOL "ST-011" TO THE POSITION AS SHOWN IN "S", AND SOLDER IN "X".

This part number complies with RoHS.

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