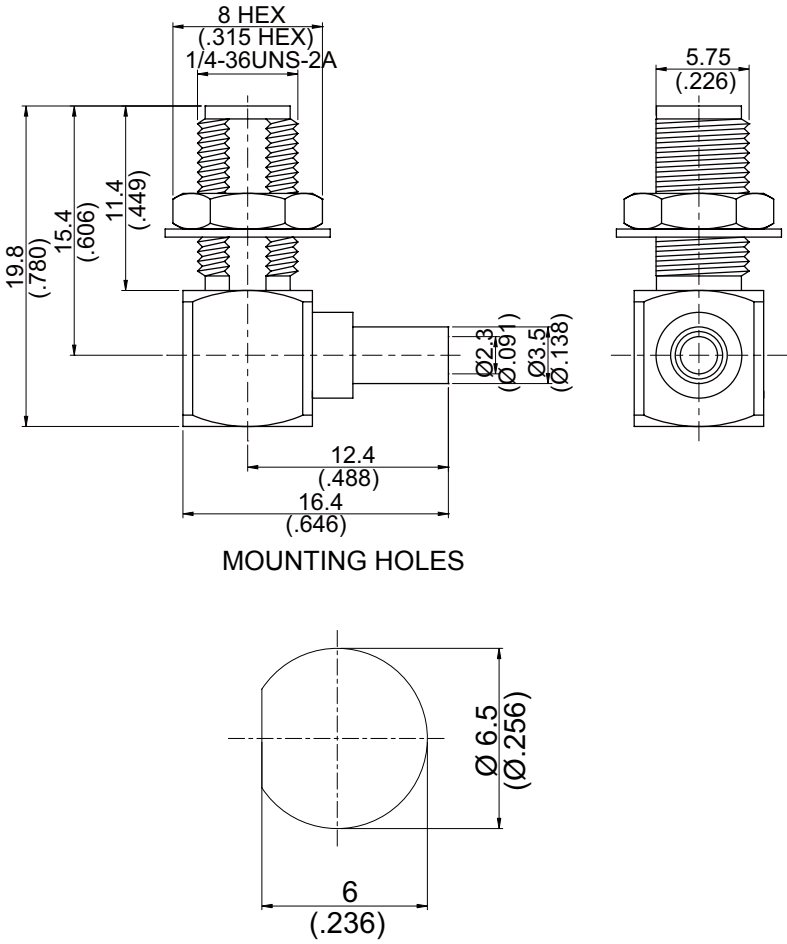


SMA8305-9085	SMA Jack Solder For Bulkhead Right Angle; 6GHz VSWR 1.2	50Ω																								
 MOUNTING HOLES																										
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This part number complies with RoHS.

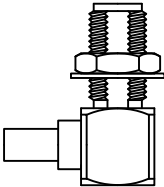
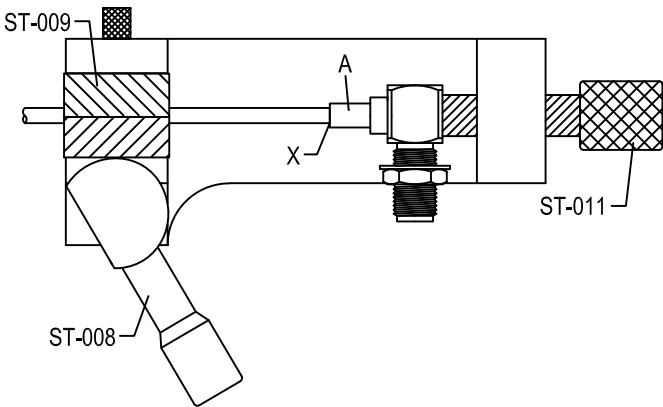
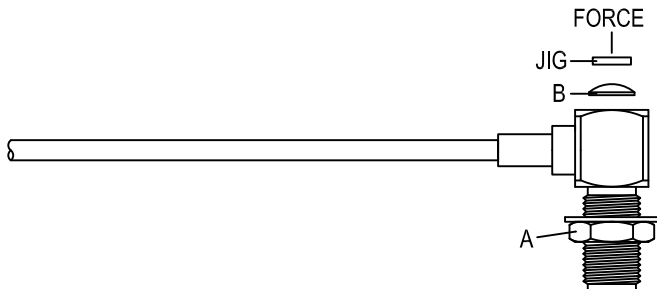
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA8305-9085
Interface MIL-STD-348B Mechanically compatible with 2.92 & 3.5	
Electrical Data Impedance 50Ω Frequency range DC to 6GHz VSWR ≤ 1.2 (DC to 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 Contact Captivation-axial ≥ 6.1 lbs Durability (mating) ≥ 100	
Environmental Data Temperature range -65°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-011 Soldering fixture ST-008 Insert for .085 semi-rigid cable ST-009	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

SMA8305-9085		DATE	2017/12/01	REV	—
A  BODY + HEX NUT + LOCK WASHER		B  COVER			
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR "A" AND SOLDER IN "Y".			
		Step 2: USE SOLDERING FIXTURE "ST-008", INSERT TOOL "ST-009" AND LOCATOR TOOL "ST-011" TO FIX THE CONNECTOR. SOLDER IN "X".			
		Step 4: PRESS ON THE TOP OF "B" WITH JIGS.			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMA8305-9085

S11

