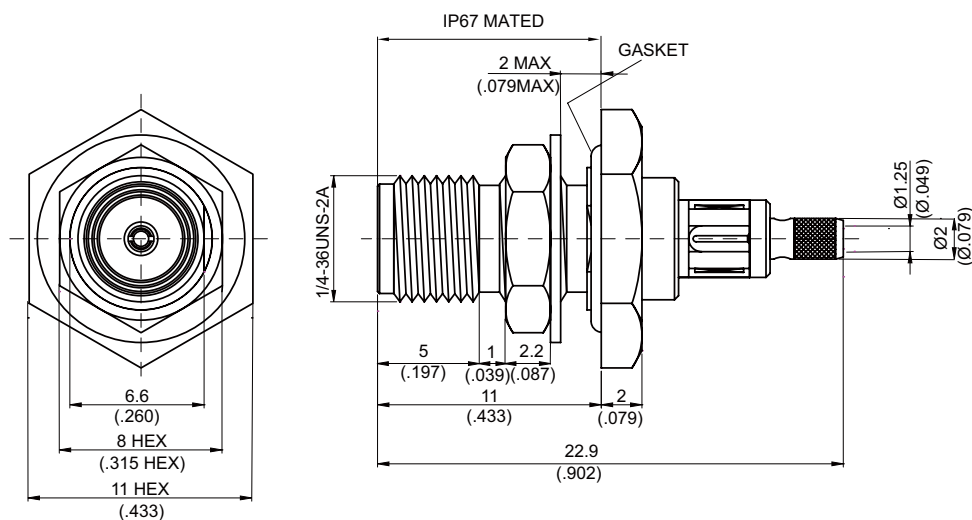


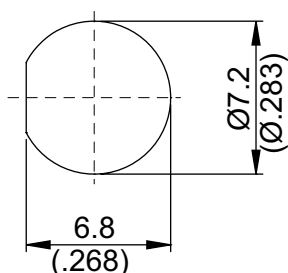
SMA8105-1.13

SMA Jack Crimp Bulkhead
IP67 Mated, For 1.13mm; 3GHz VSWR 1.2

50Ω



MOUNTING HOLE:



Parts	Material	Plating (Micro-inch)
Ferrule	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Cover	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicon	
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
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: 1.13 mm Coaxial Cable

This part number complies with RoHS.

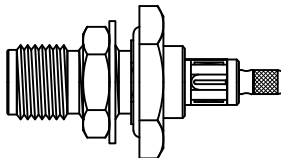
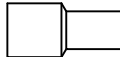
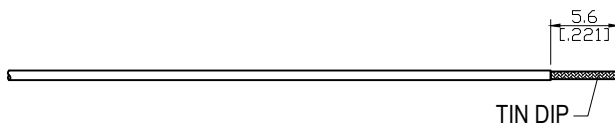
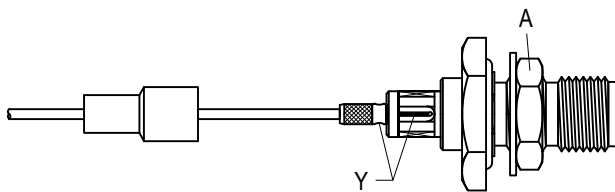
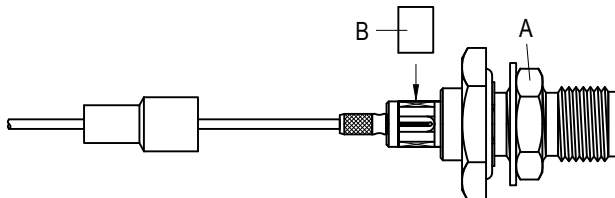
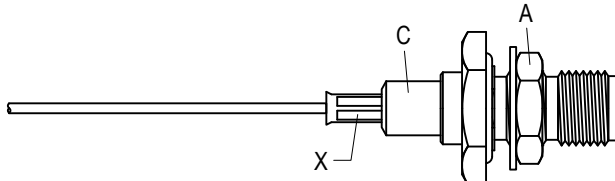
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA8105-1.13
Interface MIL-STD-348B Mechanically compatible with 2.92 & 3.5	
Electrical Data Impedance 50Ω Frequency range DC to 3GHz VSWR ≤ 1.2 (DC to 3GHz) 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 $\leq 2\text{m}\Omega$	
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 Crimping tool CRT-1 or CRT-2 Crimp insert INSERT-A	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMA8105-1.13		DATE	2015/12/15	REV	—
A		B	C		
					
BODY + WASHER + HEX NUT		COVER	FERRULE		
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN. Step 2: TIN DIP BRAID.			
		Step 3: SLIDE FERRULE " C " OVER CABLE. Step 4: STRIP AS SHOWN.			
		Step 5: INSERT CABLE'S CENTER CONDUCTOR INTO CONNECTOR BODY " A " AND SOLDER IN " Y ".			
		Step 6: PUT COVER " B " ON BODY " A ".			
		Step 7: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP IN " X ". (USE 2.7mm/0.106inch HEX SECTION OF INSERT-A)			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMA8105-1.13

