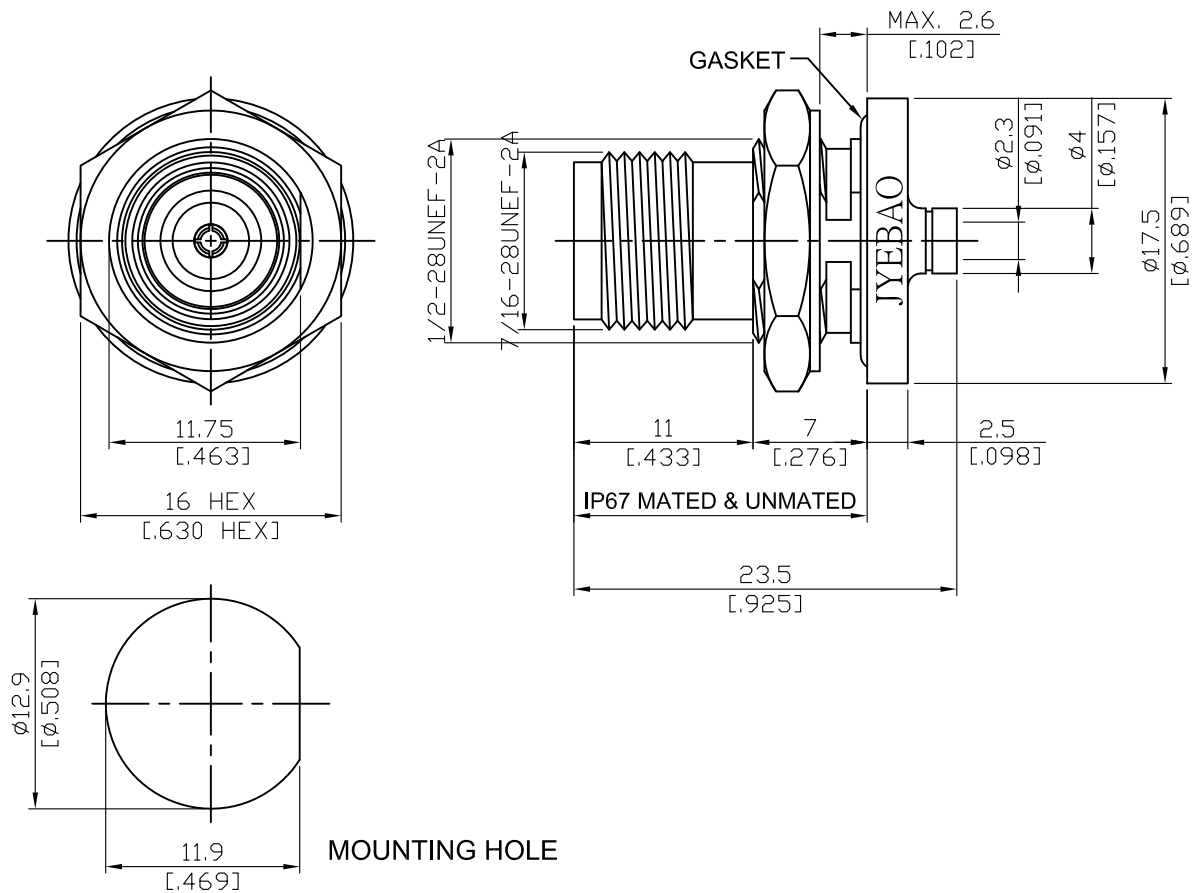


TNC8305NI-0085/IP

TNC jack solder bulkhead for RG405; IP67
mated & unmated; 8GHz VSWR 1.25

50Ω



Parts	Material	Plating (Micro-inch)
Body	Brass	Nickel 200 Over Copper 50
Insulator	Teflon	
Contact Pin	P.Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicone	
Washer	Brass	Nickel 200 Over Copper 50
Hex Nut	Brass	Nickel 200 Over Copper 50

Suitable Cables: .085semi-rigid, .085conformable

This part number complies with RoHS.

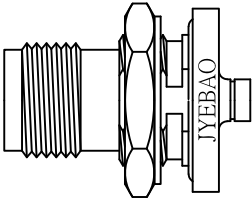
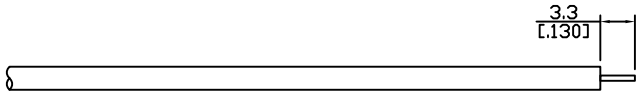
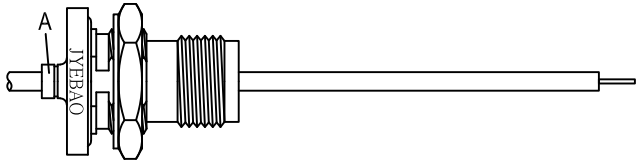
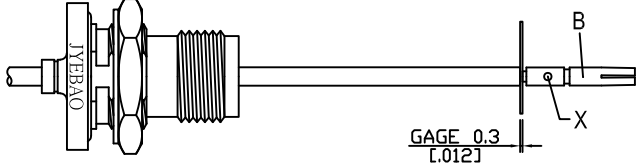
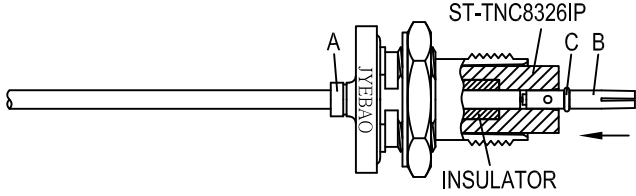
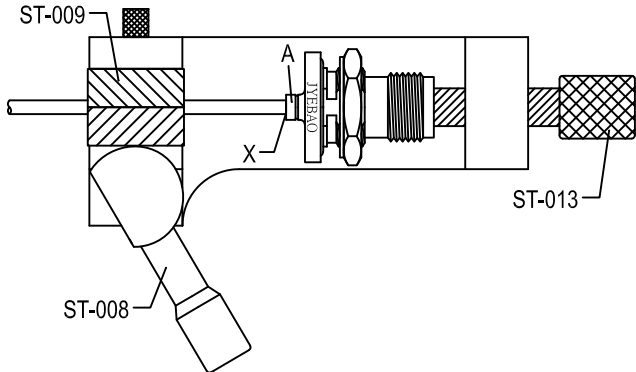
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

TNC	TNC8305NI-0085/IP
Interface MIL-STD-348B	
Electrical Data Impedance 50Ω Frequency range DC to 8GHz VSWR ≤ 1.25 (DC to 8GHz) Insertion loss $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 1.5\text{m}\Omega$ Contact resistance outer conductor $\leq 1\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 1500 V rms Working voltage (at sea level) 500 V rms	
Mechanical Data Recommended coupling nut torque 4.1 to 6.1 inch lbs Coupling proof torque 15 inch lbs Contact captivation-axial ≥ 6.1 lbs Durability (mating) ≥ 500	
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 Bushing ST-TNC8326IP Soldering gauge ST-0.3 Locator tool ST-013 Soldering fixture ST-008 Insert for soldering insert ST-009	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

TNC8305NI-0085/IP		DATE	2020/04/03	REV	A
A		B	C		
					
BODY + GASKET + WASHER + HEX NUT		CONTACT PIN	GASKET		
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: SLIDE CONNECTOR " A " OVER CABLE.			
		Step 3: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ". USE 0.3 MM GAGE ST-0.3.			
		Step 4: SLIDE BUSHING " ST-TNC8326IP " IN PLACE. Step 5: APPLY WATERPROOF GLUE ON GASKET " C " AND PUT IT ON THE PIN " B ". Step 6: SLIDE PIN " B " TOWARDS CONNECTOR BODY " A " AND BUSHING.			
		Step 7: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-013 " TO FIX THE CONNECTOR. SOLDER IN " X ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

TNC8305NI-0085/IP

