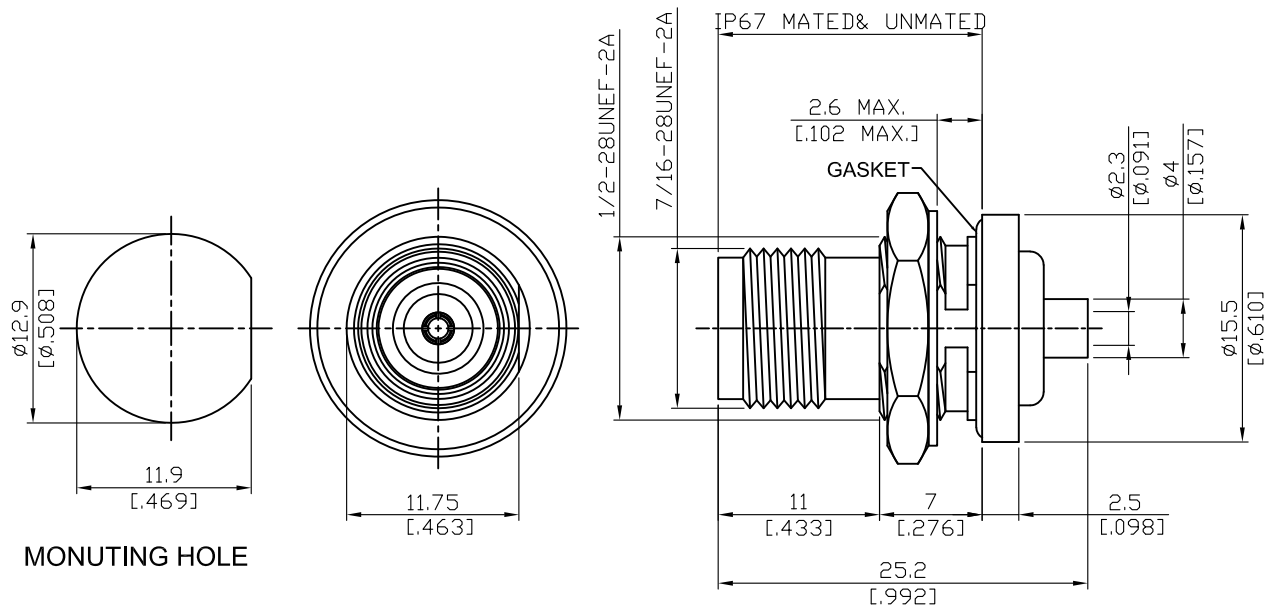


TNC8305WPRA-0085/IP

TNC Jack Solder Bulkhead For RG405
IP67 Mated& Unmated; 9GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)
Lock Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	P.Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Hex Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Barrel	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: .085 Semi-Rigid, .085 Formable, RG405

This part number complies with RoHS.

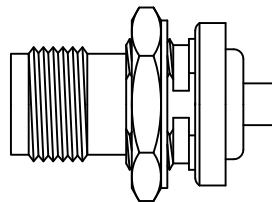
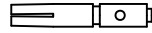
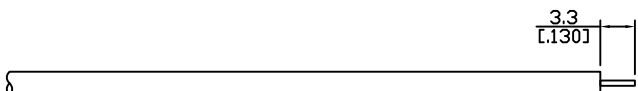
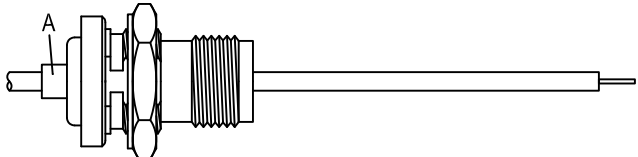
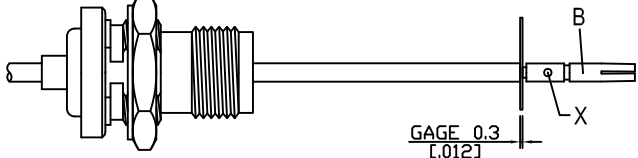
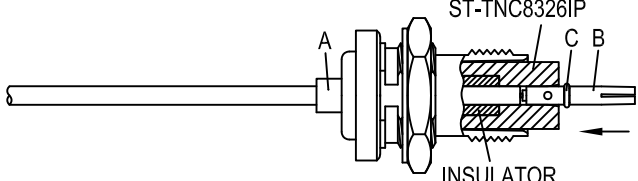
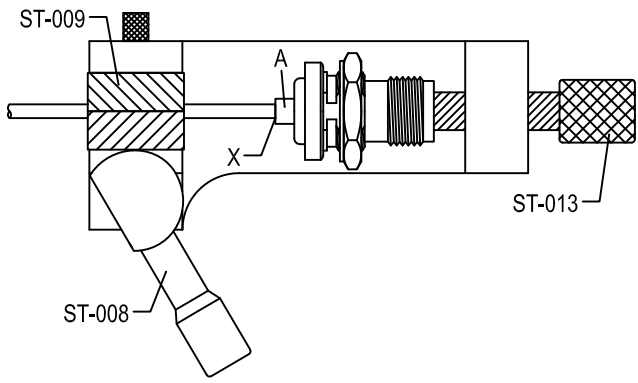
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

TNC		TNC8305WPRA-0085/IP													
Interface		MIL-STD-348B													
Electrical Data		Impedance 50Ω Frequency range DC to 9GHz VSWR ≤ 1.2 (DC to 9GHz) 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		<table> <tr> <td>Soldering gauge</td><td>ST-0.3</td><td>Soldering fixture</td><td>ST-008</td></tr> <tr> <td>Locator tool</td><td>ST-013</td><td>Insert for .085 semi-rigid cable</td><td>ST-009</td></tr> <tr> <td>Bushing</td><td>ST-TNC8326IP</td><td></td><td></td></tr> </table>		Soldering gauge	ST-0.3	Soldering fixture	ST-008	Locator tool	ST-013	Insert for .085 semi-rigid cable	ST-009	Bushing	ST-TNC8326IP		
Soldering gauge	ST-0.3	Soldering fixture	ST-008												
Locator tool	ST-013	Insert for .085 semi-rigid cable	ST-009												
Bushing	ST-TNC8326IP														

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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

TNC8305WPRA-0085/IP		DATE	2020/05/15	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 IN PLACE. Step 5: APPLY WATERPROOF GLUE " UNISILKON L 250L " 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	

TNC8305WPRA-0085/IP

