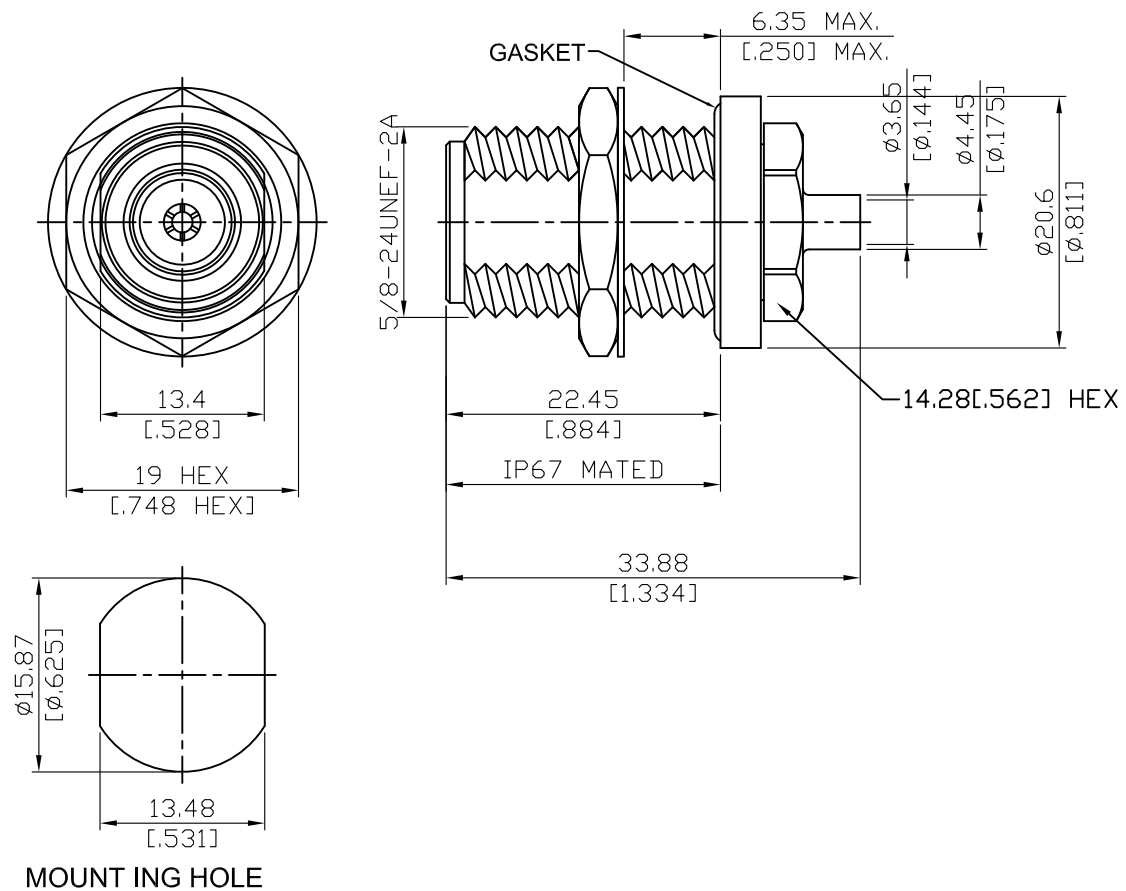


N8305PAS-0141

N Jack Solder Bulkhead, IP67 Mated,
For RG402;18GHz VSWR 1.3

50Ω



Parts	Material	Plating (Micro-inch)
Hex Nut	Stainless Steel	Passivated
Lock Washer	Stainless Steel	Passivated
Gasket	Silicone	
Barrel	Stainless Steel	Gold 10 Over Nickel 50 Over Copper 50
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Stainless Steel	Passivated

Suitable Cables: .141 Semi-Rigid, .141 Formable, RG402

This part number complies with RoHS.

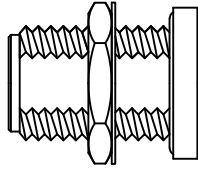
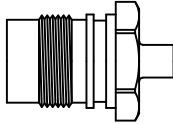
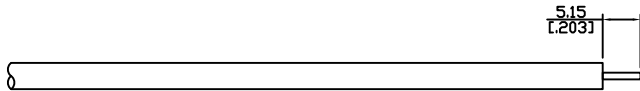
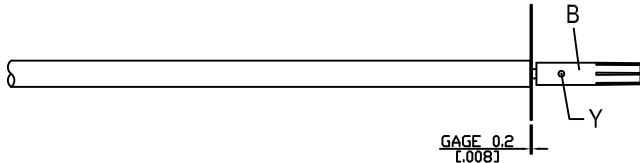
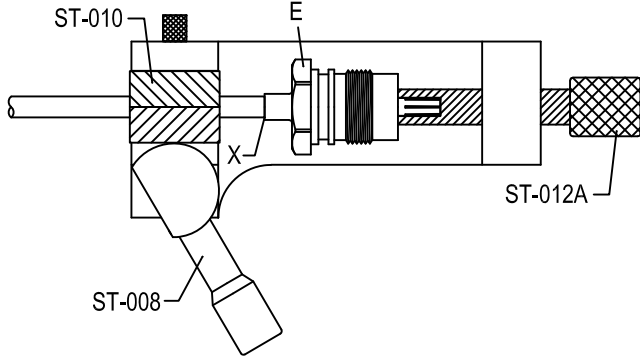
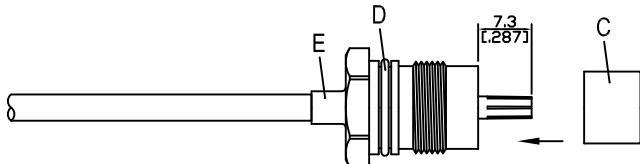
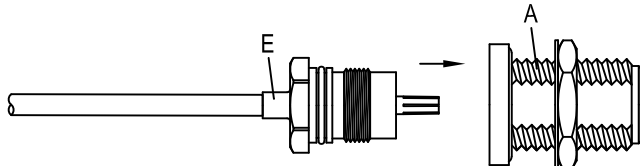
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

N	N8305PAS-0141
Interface MIL-STD-348B	
Electrical Data Impedance 50Ω Frequency range DC to 18GHz VSWR ≤ 1.3 (DC to 18GHz) Insertion loss $\leq 0.05 \times \sqrt{f(\text{GHz})}$ 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) 2500 V rms Working voltage (at sea level) 1000 V rms	
Mechanical Data Recommended coupling nut torque 6 to 10 inch lbs Coupling proof torque 15 inch lbs Contact captivation-axial ≥ 6.3 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 Soldering gauge ST-0.2 Locator tool ST-012A Soldering fixture ST-008 Insert for .141inch semi-rigid cable ST-010	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

N8305PAS-0141		DATE	2014/04/29	REV	—
A	B	C	D	E	
					
BODY + GASKET + WASHER + HEX NUT	CONTACT PIN	INSULATOR	GASKET	SOLDER BODY	
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: PUT 0.2 MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y ".		
			Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-010 " AND LOCATOR TOOL " ST-012A " TO FIX THE CONNECTOR. SOLDER IN " X ".		
			Step 4: PUT INSULATOR " C " INTO THE SOLDER BODY " E ". Step 5: PUT GASKET " D " WITH VASELINE ON THE SOLDER BODY " E ".		
			Step 6: FINALLY SCREW SOLDER BODY " E " ON THE CONNECTOR BODY " A ". (TORQUE 15.6KG/CM)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

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