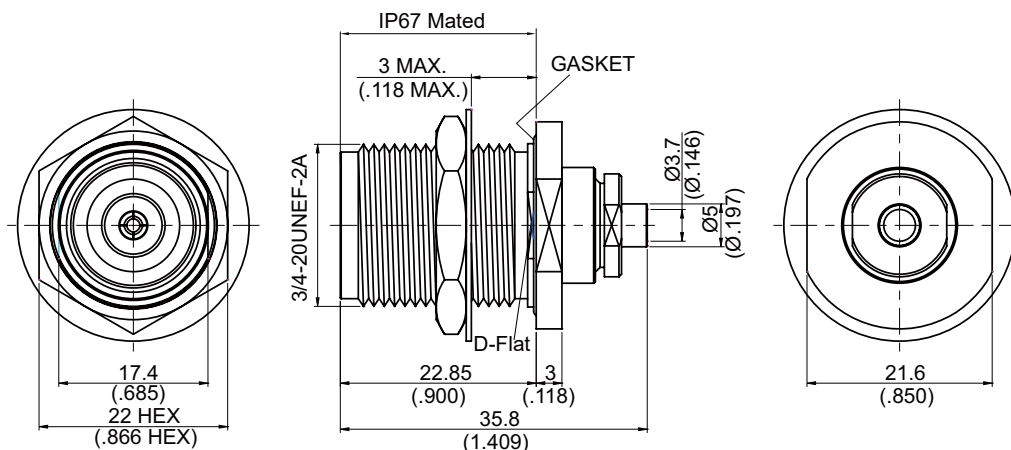


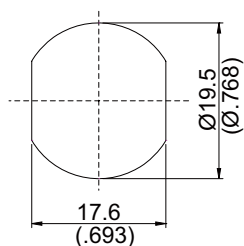
HN8305B-0141

**HN Jack Solder Clamp Bulkhead
For RG402; 4GHz VSWR 1.2**

50Ω



MOUNTING HOLES



Parts	Material	Plating(Micro-inch)
Insulator	Teflon	
Hex Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Solder Clamp Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Beryllium Copper	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: Semi-rigid.141, conformable .141

This part number complies with RoHS.

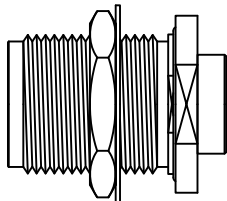
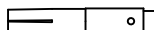
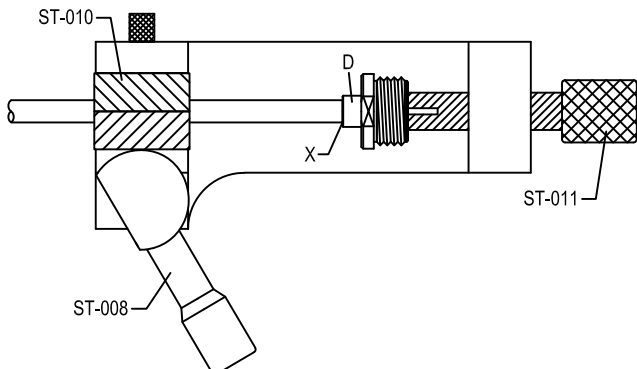
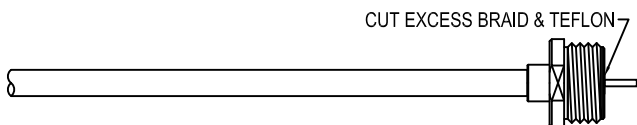
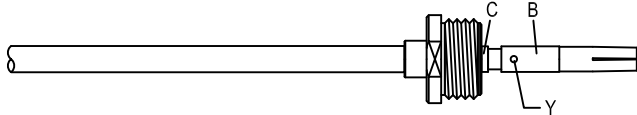
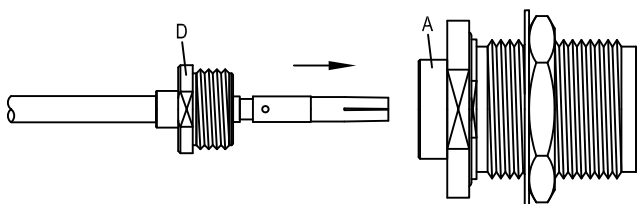
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

HN	HN8305B-0141
Interface MIL-STD-348B	
Electrical Data Impedance 50Ω Frequency range DC to 4GHz VSWR ≤ 1.2 (DC to 4GHz) Insertion loss ≤ 0.1dB Insulation resistance ≥ 10000MΩ Contact resistance inner conductor ≤ 8mΩ Contact resistance outer conductor ≤ 2mΩ Dielectric withstanding voltage (at sea level) 3500 V rms Working Voltage (at sea level) 2500 V rms	
Mechanical Data Recommended coupling nut torque 6.2 to 9.7 inch lbs Coupling proof torque 15 inch 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 Locator tool ST-011 Soldering fixture ST-008 Insert for .141 semi-rigid cable ST-010	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

HN8305B-0141		DATE	2021/03/08	REV	A
A		B	C	D	
					
BODY + GASKET + WASHER + HEX NUT		CONTACT PIN	INSULATOR	SOLDER NUT	
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: INSERT PREPARED CABLE INTO SOLDER NUT " D " AND USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-010 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".		
			Step 3: CUT AWAY ANY EXCESS BRAID AND TEFLON STICKING OUT OF THE SOLDER NUT.		
			Step 4: PUT INSULATOR " C " AND CONTACT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".		
			Step 5: FINALLY SCREW NUT " D " ON THE CONNECTOR BODY " A ".		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

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