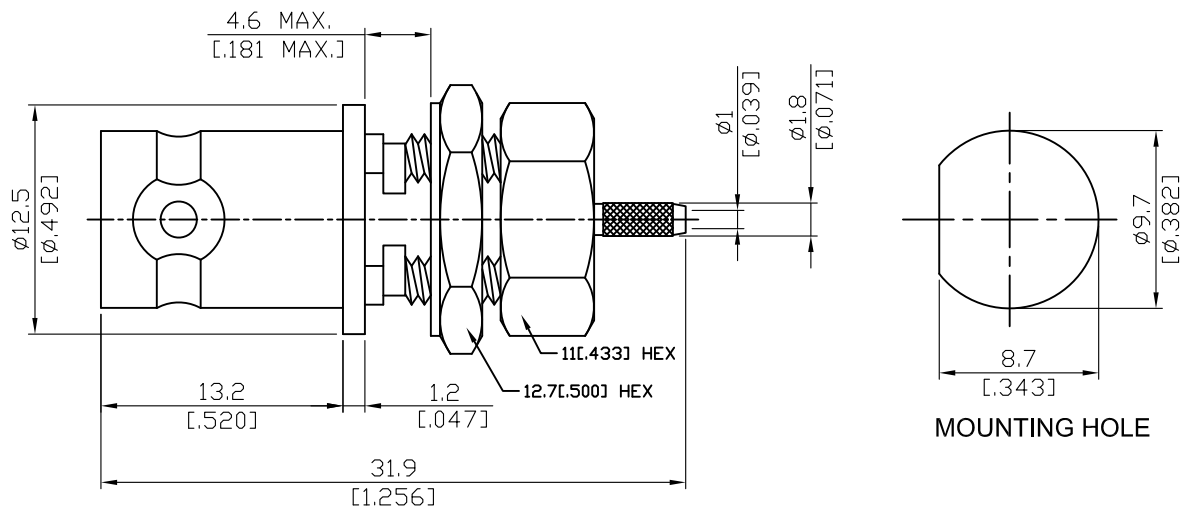


BNC8505-0178

BNC Jack Crimp Bulkhead
For RG178, RG178-FEP; 2.5GHz VSWR 1.2 50Ω



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

Suitable Cables: RG178, RG178-FEP

This part number complies with RoHS.

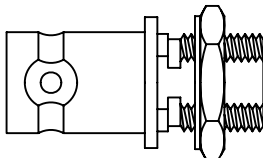
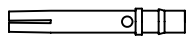
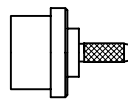
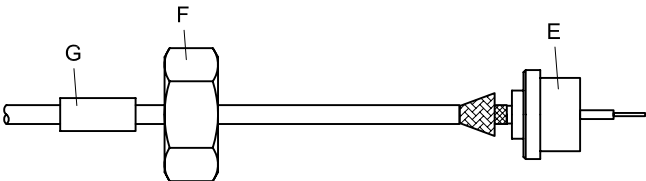
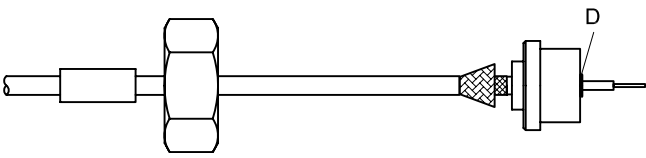
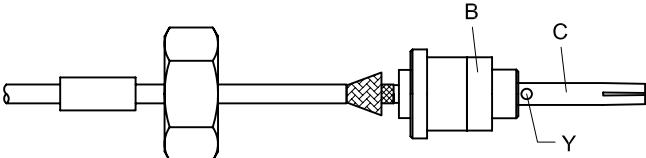
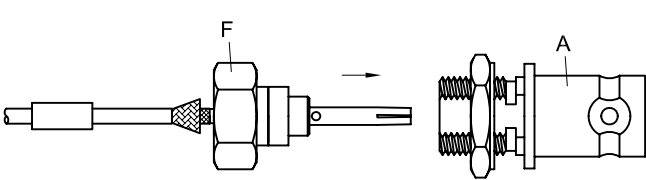
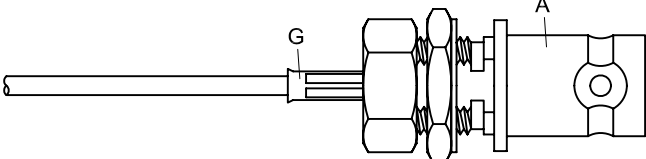
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

BNC		BNC8505-0178	
Interface		MIL-STD-348B	
Electrical Data		Impedance 50Ω Frequency range DC to 2.5GHz VSWR ≤ 1.2 (DC to 2.5GHz) Insertion loss $\leq 0.1 \times \sqrt{f(\text{GHz})}\text{dB}$ 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 0.6 to 2.5 inch lbs Coupling nut retention force ≥ 101.2 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		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

BNC8505-0178			DATE	2016/07/20	REV	—
A	B	C	D	E	F	G
						
BODY + WASHER + HEX NUT	INSULATOR	CONTACT PIN	INSULATOR	BARREL	NUT	FERRULE
DIAGRAM			ASSEMBLY INSTRUCTION			
			Step 1: STRIP AS SHOWN.			
			Step 2: SLIDE FERRULE " G " AND NUT " F " OVER CABLE. Step 3: LOOSEN BRAIDING AND SLIDE BARREL " E " IN PLACE.			
			Step 4: SLIDE PREPARED CABLE INTO INSULATOR " D ".			
			Step 5: PUT INSULATOR " B " AND PIN " C " ON CENTER CONDUCTOR AND SOLDER IN " Y ".			
			Step 5: SCREW NUT " F " ON THE CONNECTOR BODY " A ".			
			Step 5: SLIDE FERRULE " G " TOWARDS THE CONNECTOR " A " AND CRIMP. (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		