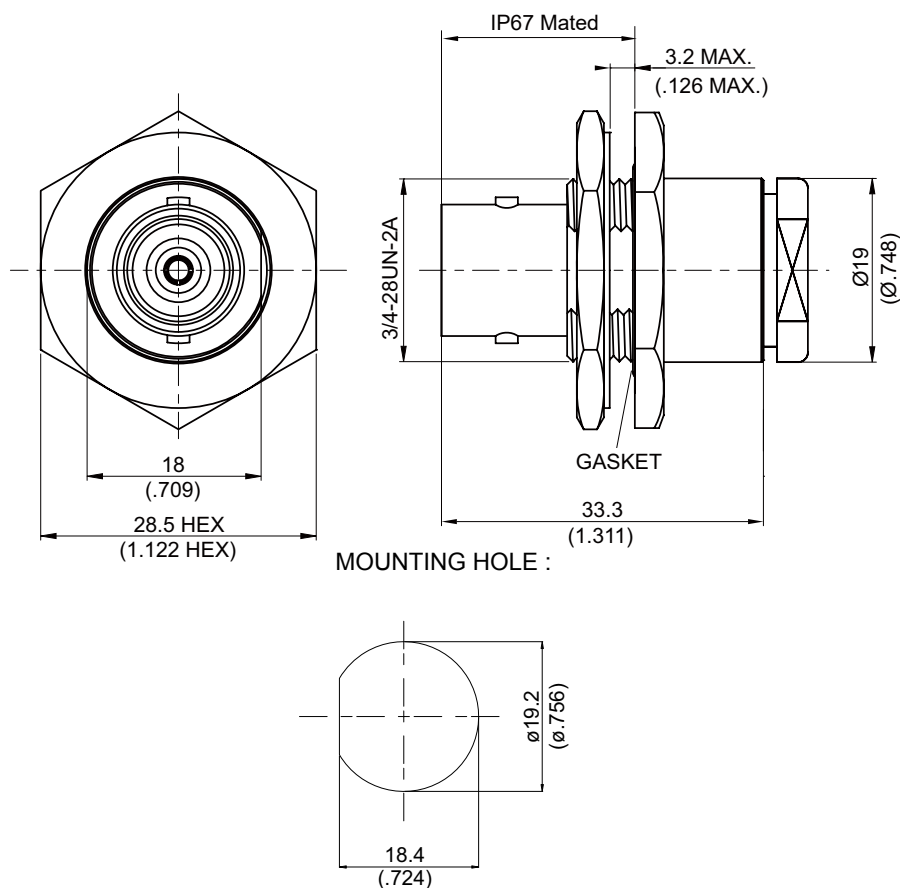


C8205B-0213

**C jack clamp bulkhead, IP67 mated,
For RG213; 2GHz VSWR 1.25**

50Ω



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

Suitable Cables: RG213

This part number complies with RoHS.

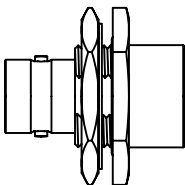
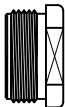
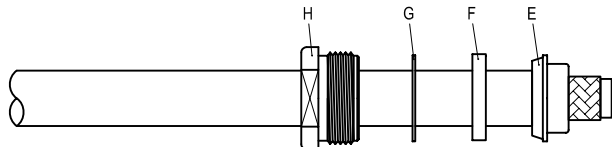
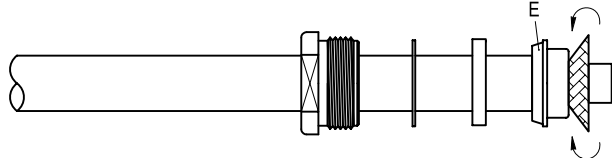
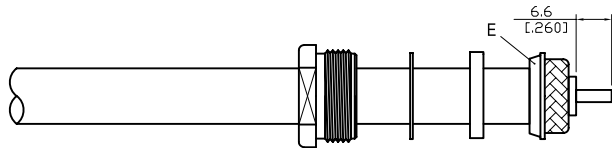
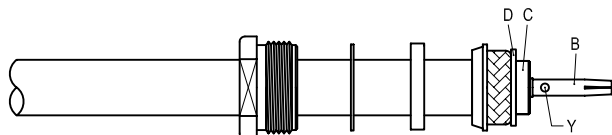
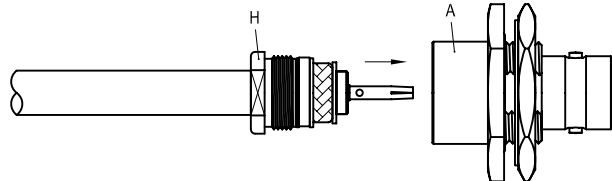
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

C	C8205B-0213
Interface MIL-STD-348B	
Electrical Data Impedance 50Ω Frequency range DC to 2GHz VSWR ≤ 1.25 (DC to 2GHz) Insertion loss $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 10000\text{M}\Omega$ Contact resistance inner conductor $\leq 1\text{m}\Omega$ Contact resistance outer conductor $\leq 0.25\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 3000 V rms Working Voltage (at sea level) 1000 V rms Power Handling $\leq 400\text{W}$ (1GHz)	
Mechanical Data 2 stud bayonet Coupling Per MIL-C-39012 Contact Captivation-axial ≥ 6 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 206 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant	
Tooling Crimping tool CRT-1 or CRT-2 Crimp insert INSERT-C	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

C8205B-0213			DATE	2017/03/27	REV	—		
A	B	C	D	E	F	G	H	
								
BODY + GASKET + WASHER + HEX NUT		CONTACT PIN	INSULATOR	WASHER	BRAID CLAMP	GASKET	WASHER	NUT
DIAGRAM			ASSEMBLY INSTRUCTION					
			Step 1: STRIP AS SHOWN.					
			Step 2: SLIDE NUT "H" 、 WASHER "G" 、 GASKET "F" AND BRAID CLAMP "E" OVER CABLE.					
			Step 3: WRAP THE BRAIDING OVER "E" .					
			Step 4: STRIP AS SHOWN.					
			Step 5: SLIDE WASHER "D" AND INSULATOR "C" IN PLACE. Step 6: PUT PIN "B" ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN "Y". (USE 2.55mm/1.000inch HEX SECTION OF INSERT-C IF CRIMPED)					
			Step 7: FINALLY SCREW NUT "H" 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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