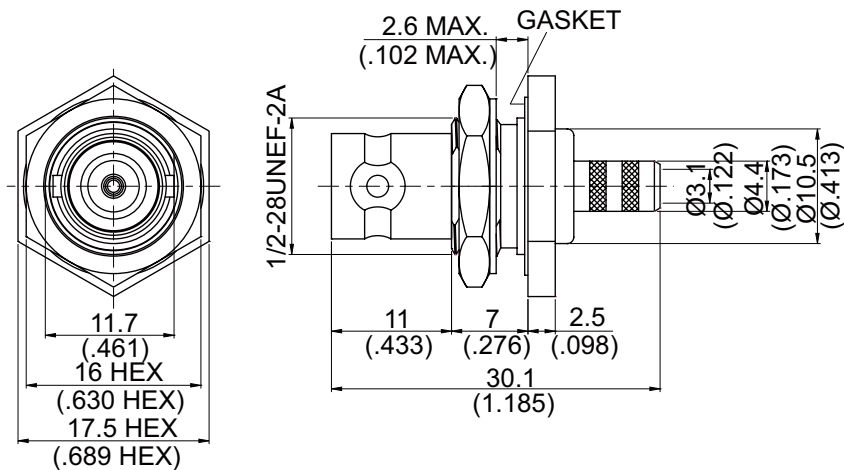


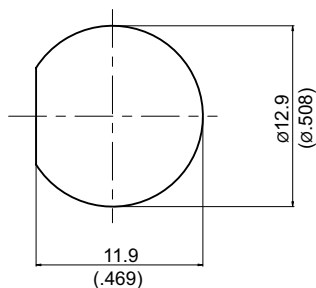
BNC9105-0223

**BNC Reverse Polarity Jack Crimp Bulkhead
For RG223; 2.3GHz VSWR 1.2**

50Ω



MOUNTING HOLE :



Parts	Material	Plating (Micro-inch)
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Brass	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	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: RG223

This part number complies with RoHS.

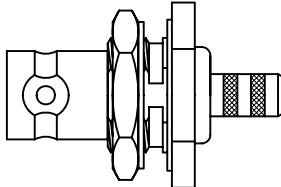
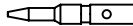
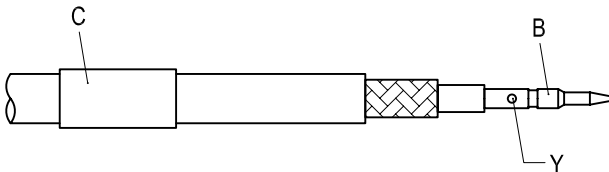
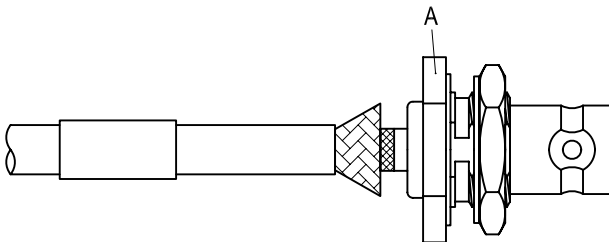
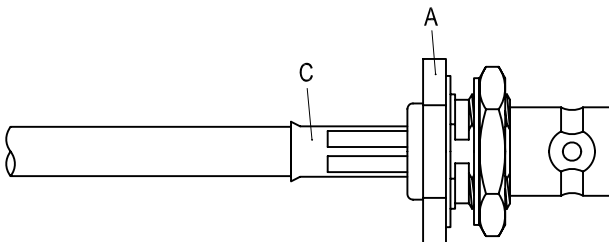
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

BNC		BNC9105-0223	
Interface		Per JYEBAO SMA Reverse Polarity Jack derived from MIL-STD-348B	
Electrical Data			
Impedance		50Ω	
Frequency range		DC to 2.3GHz	
VSWR		≤ 1.2 (DC to 2.3GHz)	
Insertion loss		≤ 0.1 x $\sqrt{f(\text{GHz})}$ dB	
Insulation resistance		≥ 5000MΩ	
Contact resistance inner conductor		≤ 1.5mΩ	
Contact resistance outer conductor		≤ 1mΩ	
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	
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-B	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

BNC9105-0223		DATE	2016/04/18	REV	—
A		B		C	
					
BODY + GASKET + WASHER + HEX NUT		CONTACT PIN		FERRULE	
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN " Y ". (USE SQUARE 1.6mm/0.063inch SECTION OF INSERT-B IF CRIMPED)		
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.		
			Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 5.9mm/0.232inch HEX SECTION OF INSERT-B)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

BNC9105-0223

S11

