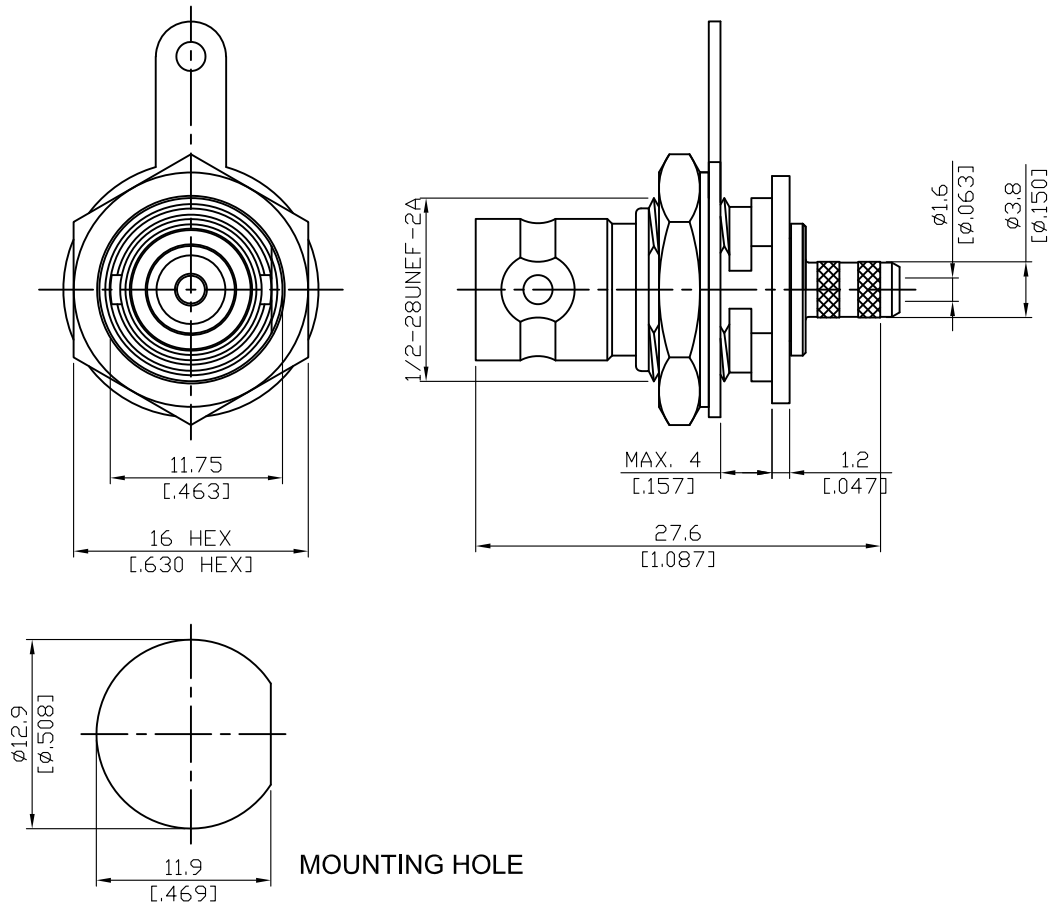


BNC8105TA-0316

BNC Isolated Jack Crimp Bulkhead
For RG174,RG188,RG316; 4GHz VSWR 1.3

50Ω



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

Suitable Cables: RG174,RG188,RG316, RG316-FEP

This part number complies with RoHS.

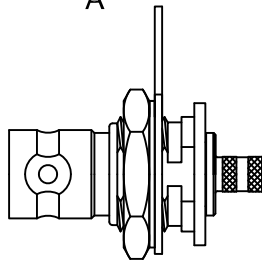
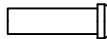
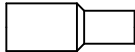
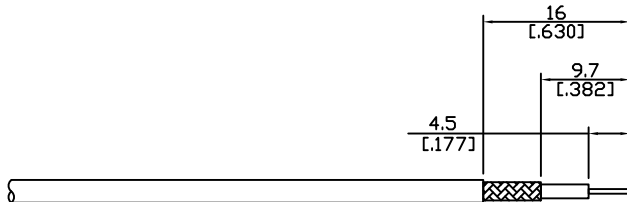
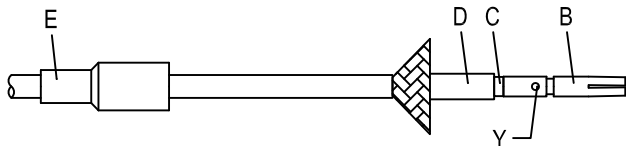
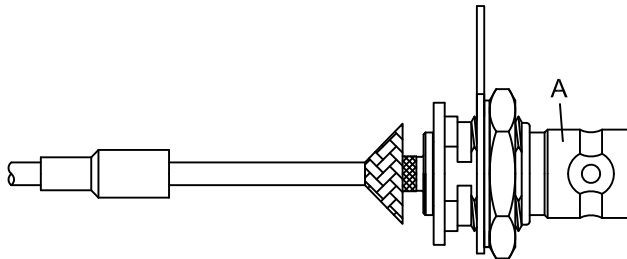
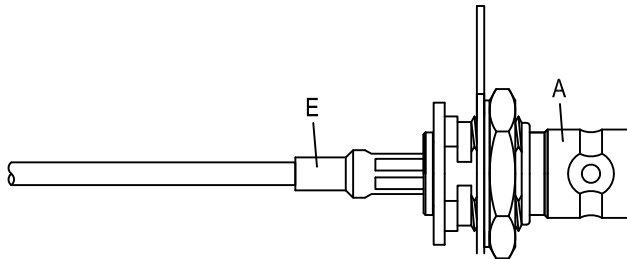
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

BNC	BNC8105TA-0316
Interface MIL-STD-348B	
Electrical Data Impedance Frequency range VSWR Insertion loss Insulation resistance Contact resistance inner conductor Contact resistance outer conductor Dielectric withstanding voltage (at sea level) Working voltage (at sea level) 50Ω DC to 4GHz ≤ 1.3 (DC to 4GHz) $\leq 0.1 \times \sqrt{f(\text{GHz})}\text{dB}$ $\geq 5000\text{M}\Omega$ $\leq 1.5\text{m}\Omega$ $\leq 1\text{m}\Omega$ 1500 V rms 500 V rms	
Mechanical Data Recommended coupling nut torque Contact captivation-axial Durability (mating) 0.6 to 2.5 inch lbs ≥ 6.1 lbs ≥ 500	
Environmental Data Temperature range Thermal shock Moisture resistance Corrosion RoHS -65°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 106 MIL-STD-202, Method 101, Condition B Compliant	
Tooling Crimping tool Crimp insert CRT-1 or CRT-2 INSERT-D	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

BNC8105TA-0316		DATE	2016/04/18	REV	—
A 		B 	C 	D 	E 
BODY + SOLDER TAG + WASHER + HEX NUT		CONTACT PIN	INSULATOR	FERRULE	FERRULE
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: SLIDE FERRULE " E " OVER CABLE. Step 3: LOOSEN BRAIDING AND SLIDE FERRULE " D " IN PLACE. Step 4: PUT INSULATOR " C " AND PIN " B " ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN " Y ". (USE SQUARE 1.6mm/0.063inch SECTION OF INSERT-D IF CRIMPED)			
		Step 5: SLIDE CONNECTOR " A " IN PLACE.			
		Step 6: SLIDE FERRULE " E " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 4.5mm/0.177inch HEX SECTION OF INSERT-D)			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

BNC8105TA-0316

