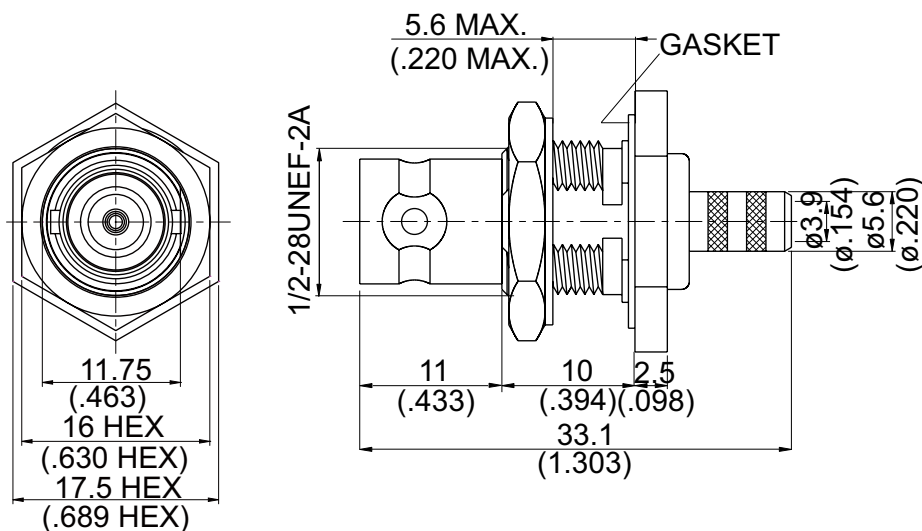


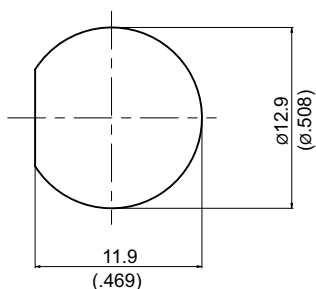
BNC8105L-0059

BNC Jack Crimp Bulkhead
For RG59; 1GHz VSWR 1.2

75Ω



MOUNTING HOLE :



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

Weight: 18.59 g

Suitable Cables: RG59

This part number complies with RoHS.

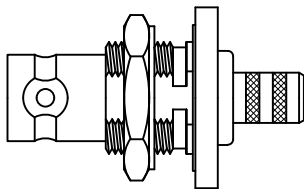
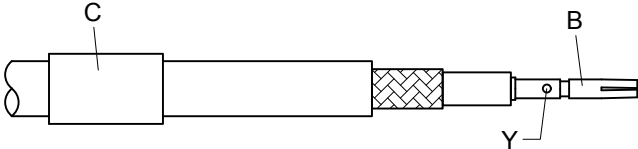
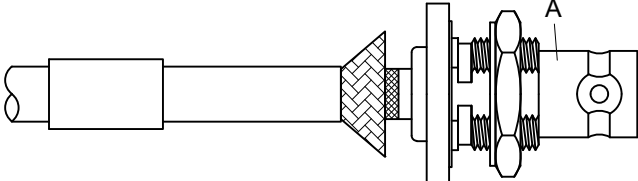
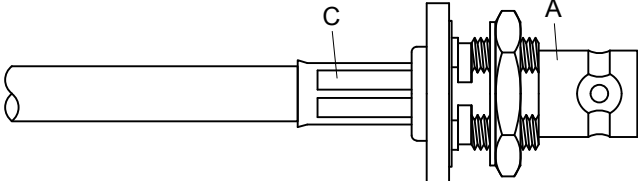
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

BNC	BNC8105L-0059																		
Interface MIL-STD-348B																			
Electrical Data <table> <tr> <td>Impedance</td><td>75Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 1GHz</td></tr> <tr> <td>VSWR</td><td>≤1.2 (DC to 1GHz)</td></tr> <tr> <td>Insertion loss</td><td>≤0.1 x √f(GHz)dB</td></tr> <tr> <td>Insulation resistance</td><td>≥5000MΩ</td></tr> <tr> <td>Contact resistance inner conductor</td><td>≤1.5mΩ</td></tr> <tr> <td>Contact resistance outer conductor</td><td>≤1mΩ</td></tr> <tr> <td>Dielectric withstanding Voltage (at sea level)</td><td>1500 V rms</td></tr> <tr> <td>Working voltage (at sea level)</td><td>500 V rms</td></tr> </table>		Impedance	75Ω	Frequency range	DC to 1GHz	VSWR	≤1.2 (DC to 1GHz)	Insertion loss	≤0.1 x √f(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
Impedance	75Ω																		
Frequency range	DC to 1GHz																		
VSWR	≤1.2 (DC to 1GHz)																		
Insertion loss	≤0.1 x √f(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 <table> <tr> <td>Recommended coupling nut torque</td><td>0.6 to 2.5 inch lbs</td></tr> <tr> <td>Contact captivation-axial</td><td>≥6.1 lbs</td></tr> <tr> <td>Durability (mating)</td><td>≥500</td></tr> </table>		Recommended coupling nut torque	0.6 to 2.5 inch lbs	Contact captivation-axial	≥6.1 lbs	Durability (mating)	≥500												
Recommended coupling nut torque	0.6 to 2.5 inch lbs																		
Contact captivation-axial	≥6.1 lbs																		
Durability (mating)	≥500																		
Environmental Data <table> <tr> <td>Temperature range</td><td>-65°C to +165°C</td></tr> <tr> <td>Thermal shock</td><td>MIL-STD-202, Method 107, Condition B</td></tr> <tr> <td>Moisture resistance</td><td>MIL-STD-202, Method 106</td></tr> <tr> <td>Corrosion</td><td>MIL-STD-202, Method 101, Condition B</td></tr> <tr> <td>RoHS</td><td>Compliant</td></tr> </table>		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								
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 <table> <tr> <td>Crimping tool</td><td>CRT-1 or CRT-2</td></tr> <tr> <td>Crimp insert</td><td>INSERT-E</td></tr> </table>		Crimping tool	CRT-1 or CRT-2	Crimp insert	INSERT-E														
Crimping tool	CRT-1 or CRT-2																		
Crimp insert	INSERT-E																		

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

BNC8105L-0059		DATE	2017/02/02	REV	—
A  BODY + GASKET + WASHER + HEX NUT B  CONTACT PIN C  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-E IF CRIMPED)		
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.		
			Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 6.5mm/0.256inch HEX SECTION OF INSERT-E)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

BNC8105L-0059

S11

