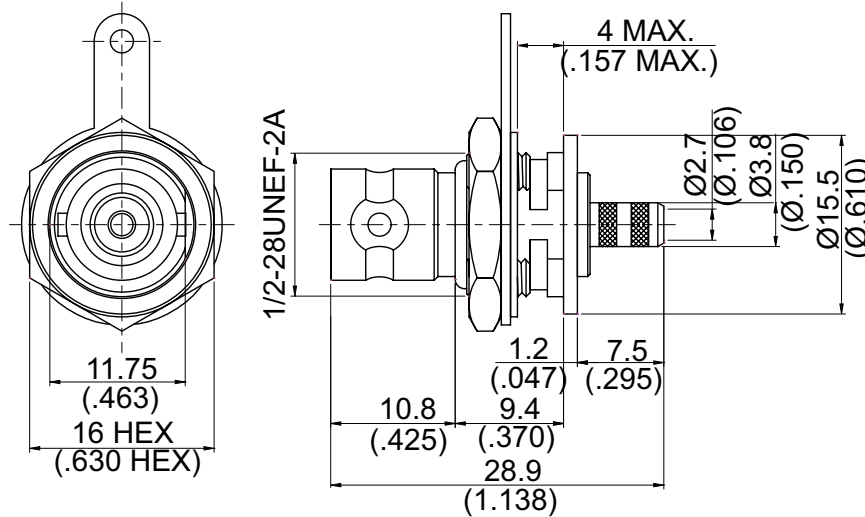


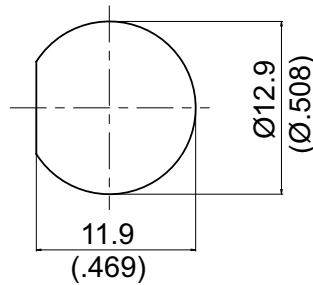
BNC8105T-0316

BNC Isolated Jack Crimp For Bulkhead
300MHz VSWR 1.2

50Ω



MOUNTING HOLE :



NOTE: With Isolator Ground.

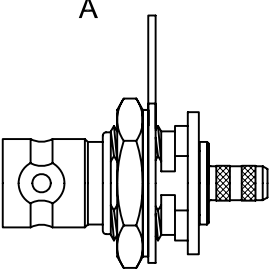
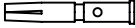
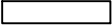
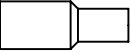

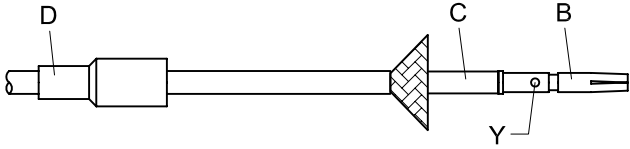
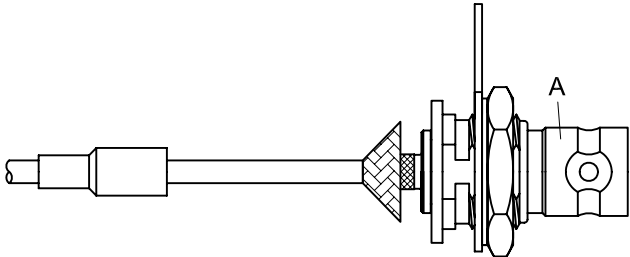
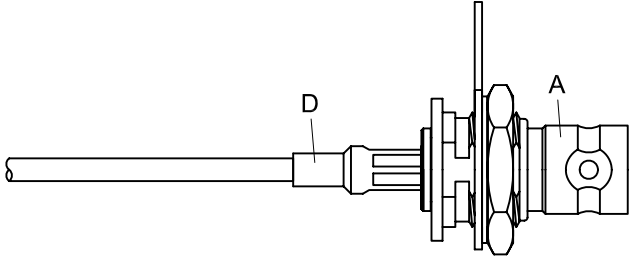
Parts	Material	Plating (Micro-inch)
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Hex Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Solder Tag	Brass	Tin-Zinc-Copper-Alloy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

Weight: 15.62 g

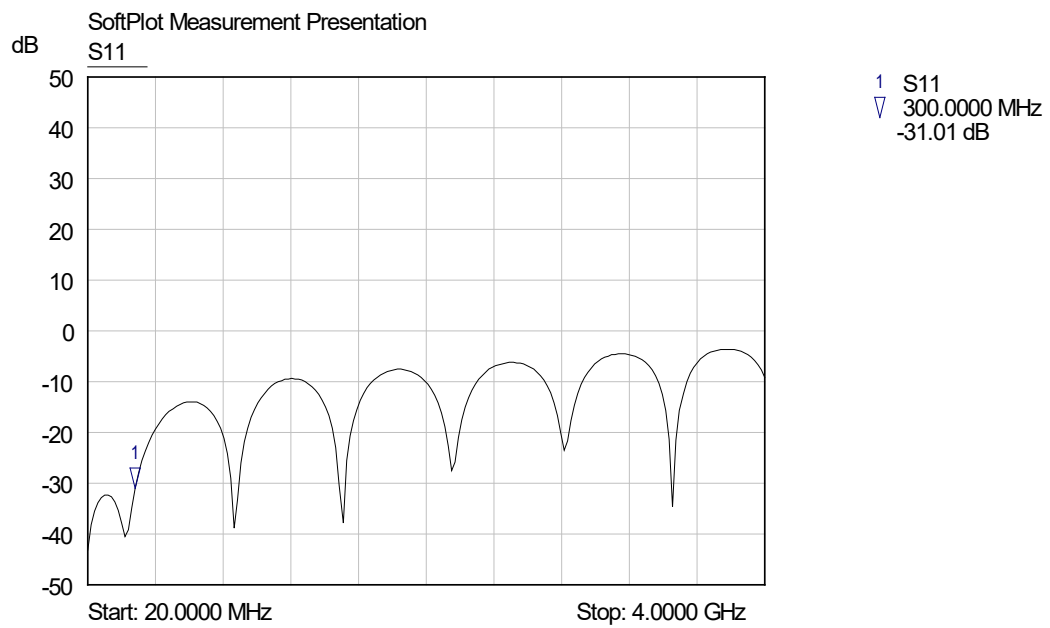
Suitable Cables: RG174, RG188, RG316, RG316-FEP

BNC	BNC8105T-0316																		
<div data-bbox="169 344 568 394" style="border: 1px solid black; padding: 2px;">Interface</div> MIL-STD-348B																			
<div data-bbox="169 510 568 560" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Impedance</td> <td style="width: 50%;">50Ω</td> </tr> <tr> <td>Frequency range</td> <td>DC to 300MHz</td> </tr> <tr> <td>VSWR</td> <td>≦ 1.2 (DC -300MHz)</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	50Ω	Frequency range	DC to 300MHz	VSWR	≦ 1.2 (DC -300MHz)	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
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<div data-bbox="169 1052 568 1102" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Recommended coupling nut torque</td> <td style="width: 50%;">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												
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<div data-bbox="169 1361 568 1411" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Temperature range</td> <td style="width: 50%;">-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								
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<div data-bbox="169 1713 568 1762" style="border: 1px solid black; padding: 2px;">Tooling</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Crimping tool</td> <td style="width: 50%;">CRT-1 or CRT-2</td> </tr> <tr> <td>Crimp insert</td> <td>INSERT-D</td> </tr> </table>		Crimping tool	CRT-1 or CRT-2	Crimp insert	INSERT-D														
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Crimp insert	INSERT-D																		

CABLE ASSEMBLY INSTRUCTION

BNC8105T-0316	DATE	2016/04/18	REV	—
 <p style="text-align: center;">A</p>	 <p style="text-align: center;">B</p>	 <p style="text-align: center;">C</p>	 <p style="text-align: center;">D</p>	
<p>BODY + SOLDER TAG + WASHER + HEX NUT</p>	<p>CONTACT PIN</p>	<p>INSULATOR</p>	<p>FERRULE</p>	
DIAGRAM	ASSEMBLY INSTRUCTION			
	<p>Step 1: STRIP AS SHOWN.</p>			
	<p>Step 2: SLIDE FERRULE " D " OVER CABLE. Step 3: LOOSEN BRAIDING AND SLIDE INSULATOR " C " IN PLACE. Step 4: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN " Y ". (USE SQUARE 1.6mm/0.063inch SECTION OF INSERT-D IF CRIMPED)</p>			
	<p>Step 5: SLIDE CONNECTOR " A " IN PLACE.</p>			
	<p>Step 6: SLIDE FERRULE " D " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 4.5mm/0.177inch HEX SECTION OF INSERT-D)</p>			
<p>APPROVED</p>	<p>CHECKED</p>	<p>DRAWING</p>	<p><i>Albert</i></p>	

BNC8105T-0316



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<http://www.100y.com.tw>