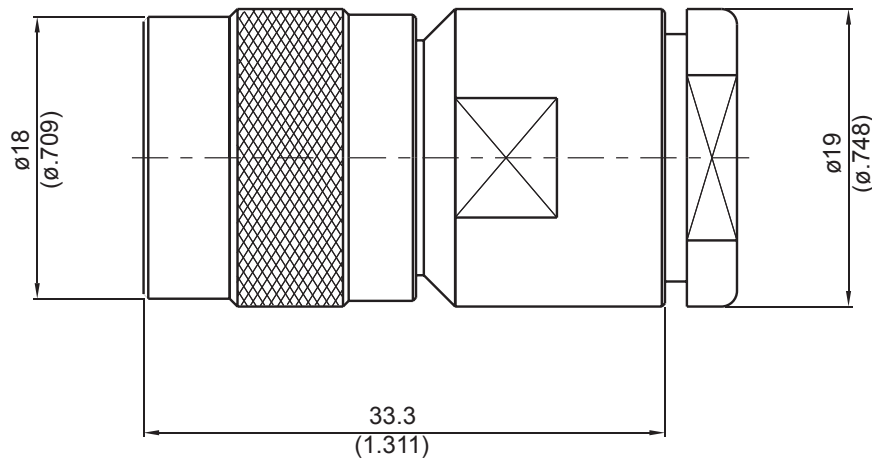


C3200B-0213

**C plug clamp for RG213;
3GHz VSWR 1.3**

50Ω



Parts	Material	Plating(Micro-inch)
Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicone	
Braid Clamp	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Center Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Spring	SK5	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Contact Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 44.51 g

Suitable Cables: RG213

This part number complies with RoHS.

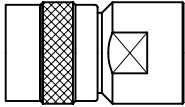
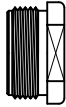
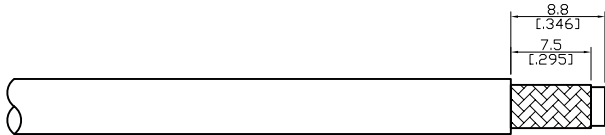
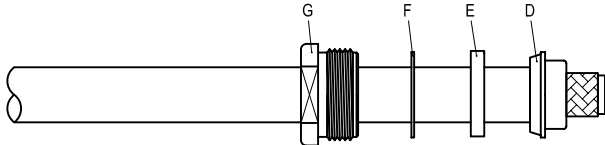
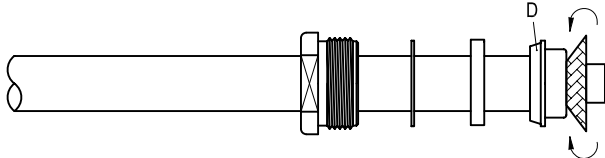
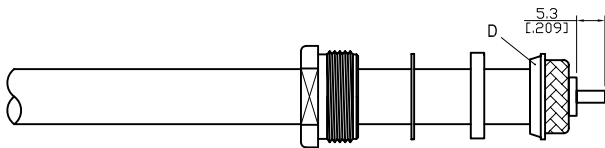
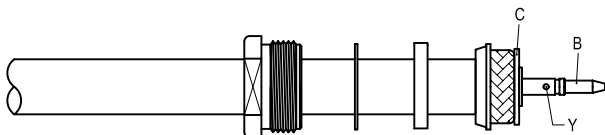
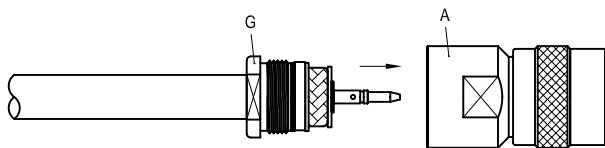
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

C	C3200B-0213																				
Interface MIL-STD-348B																					
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 3GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.3 (DC to 3GHz)</td></tr> <tr> <td>Insertion loss</td><td>≤ 0.1 x √f(GHz) dB</td></tr> <tr> <td>Insulation resistance</td><td>≥ 10000MΩ</td></tr> <tr> <td>Contact resistance inner conductor</td><td>≤ 1mΩ</td></tr> <tr> <td>Contact resistance outer conductor</td><td>≤ 0.25mΩ</td></tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td><td>3000 V rms</td></tr> <tr> <td>Working Voltage (at sea level)</td><td>1000 V rms</td></tr> <tr> <td>Power Handling</td><td>≤ 400W (1GHz)</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 3GHz	VSWR	≤ 1.3 (DC to 3GHz)	Insertion loss	≤ 0.1 x √f(GHz) dB	Insulation resistance	≥ 10000MΩ	Contact resistance inner conductor	≤ 1mΩ	Contact resistance outer conductor	≤ 0.25mΩ	Dielectric withstanding voltage (at sea level)	3000 V rms	Working Voltage (at sea level)	1000 V rms	Power Handling	≤ 400W (1GHz)
Impedance	50Ω																				
Frequency range	DC to 3GHz																				
VSWR	≤ 1.3 (DC to 3GHz)																				
Insertion loss	≤ 0.1 x √f(GHz) dB																				
Insulation resistance	≥ 10000MΩ																				
Contact resistance inner conductor	≤ 1mΩ																				
Contact resistance outer conductor	≤ 0.25mΩ																				
Dielectric withstanding voltage (at sea level)	3000 V rms																				
Working Voltage (at sea level)	1000 V rms																				
Power Handling	≤ 400W (1GHz)																				
Mechanical Data <table> <tr> <td>2 stud bayonet Coupling</td><td>Per MIL-C-39012</td></tr> <tr> <td>Coupling nut retention force</td><td>≥ 100 lbs</td></tr> <tr> <td>Contact Captivation-axial</td><td>≥ 6 lbs</td></tr> <tr> <td>Durability (mating)</td><td>≥ 500</td></tr> </table>		2 stud bayonet Coupling	Per MIL-C-39012	Coupling nut retention force	≥ 100 lbs	Contact Captivation-axial	≥ 6 lbs	Durability (mating)	≥ 500												
2 stud bayonet Coupling	Per MIL-C-39012																				
Coupling nut retention force	≥ 100 lbs																				
Contact Captivation-axial	≥ 6 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 206</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 206	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 206																				
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-A</td></tr> </table>		Crimping tool	CRT-1 or CRT-2	Crimp insert	INSERT-A																
Crimping tool	CRT-1 or CRT-2																				
Crimp insert	INSERT-A																				

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

C3200B-0213			DATE	2017/03/27	REV	—
A	B	C	D	E	F	G
						
BODY	CONTACT PIN	WASHER	BRAID CLAMP	GASKET	WASHER	NUT
DIAGRAM			ASSEMBLY INSTRUCTION			
			Step 1: STRIP AS SHOWN.			
			Step 2: SLIDE NUT " G " 、 WASHER " F " 、 GASKET " E " AND BRAID CLAMP " D " OVER CABLE.			
			Step 3: WRAP THE BRAIDING OVER " D ".			
			Step 4: STRIP THE DIELECTRIC AS SHOWN.			
			Step 5: SLIDE WASHER " C " IN PLACE. Step 6: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN " Y ". (USE SQUARE 2.4mm/0.094inch SECTION OF INSERT-A IF CRIMPED)			
			Step 7: FINALLY SCREW NUT " G " 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		

C3200B-0213

S11

