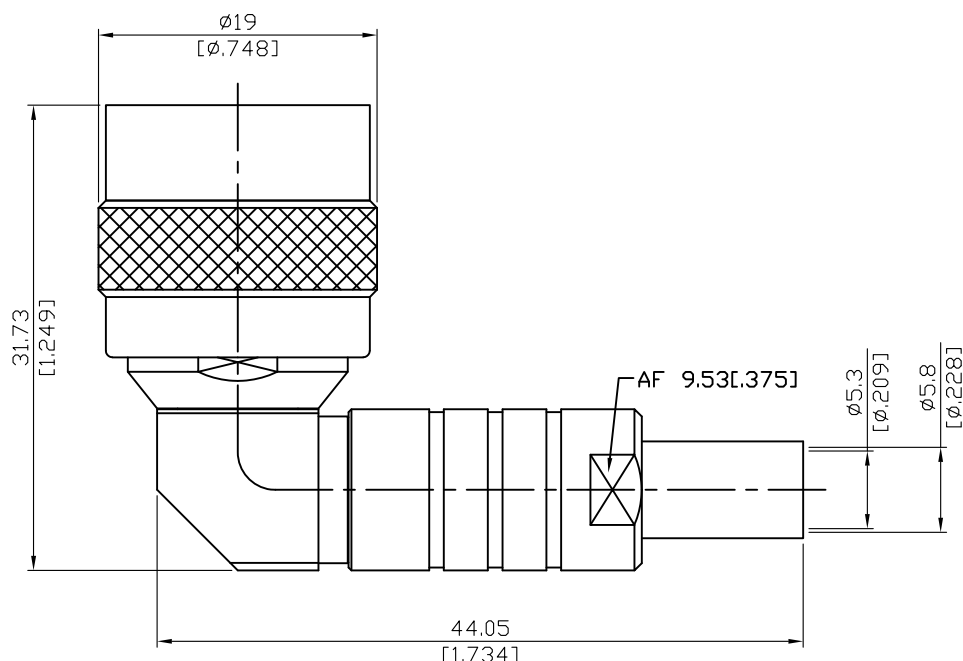


C3200S-M2301/MIL

C Plug Solder Clamp Right Angle
For IW2301; 8GHz VSWR 1.4

50Ω



Parts	Material	Plating (Micro-inch)
Coupling Nut	Stainless Steel	Passivated
Body	Stainless Steel	Passivated
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicone	
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Solder Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Clamp Nut	Stainless Steel	Passivated
Spring	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: IW2301

This part number complies with RoHS.

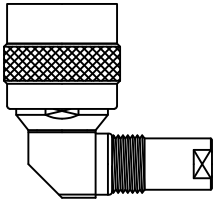
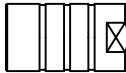
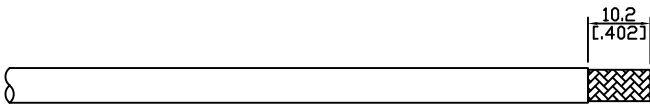
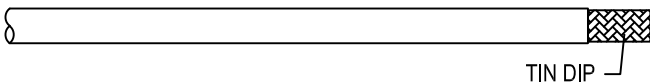
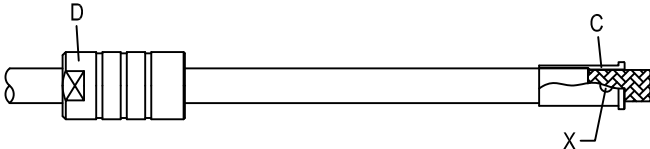
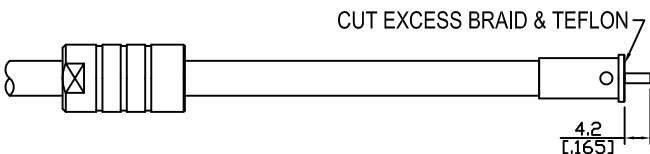
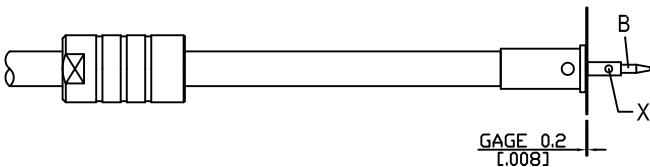
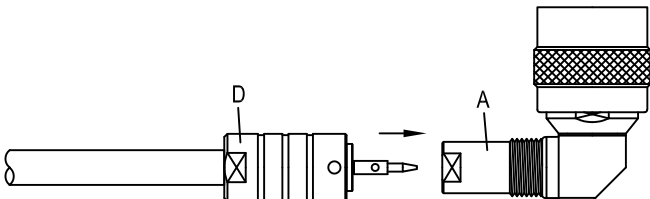
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

C	C3200S-M2301/MIL																				
Interface MIL-STD-348B																					
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 8GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.4 (DC to 8GHz)</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 8GHz	VSWR	≤ 1.4 (DC to 8GHz)	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 8GHz																				
VSWR	≤ 1.4 (DC to 8GHz)																				
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>Soldering gauge</td><td>ST-0.2</td></tr> </table>		Soldering gauge	ST-0.2																		
Soldering gauge	ST-0.2																				

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

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

C3200S-M2301/MIL		DATE	2021/09/27	REV	—
A  BODY + GASKET B  CONTACT PIN C  SOLDER FERRULE D  NUT					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: TIN DIP BRAID.		
			Step 3: SLIDE NUT " D " AND SOLDER FERRULE " C " OVER THE CABLE. Step 4: SOLDER IN " X ".		
			Step 5: CUT AWAY ANY EXCESS BRAID AND TEFLON STICKING OUT OF THE SOLDER FERRULE. Step 6: CUT CENTER CONDUCTOR TO LENGTH.		
			Step 7: PUT 0.2 MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y ".		
			Step 8: FINALLY SCREW NUT " E " 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	

C3200S-M2301/MIL

