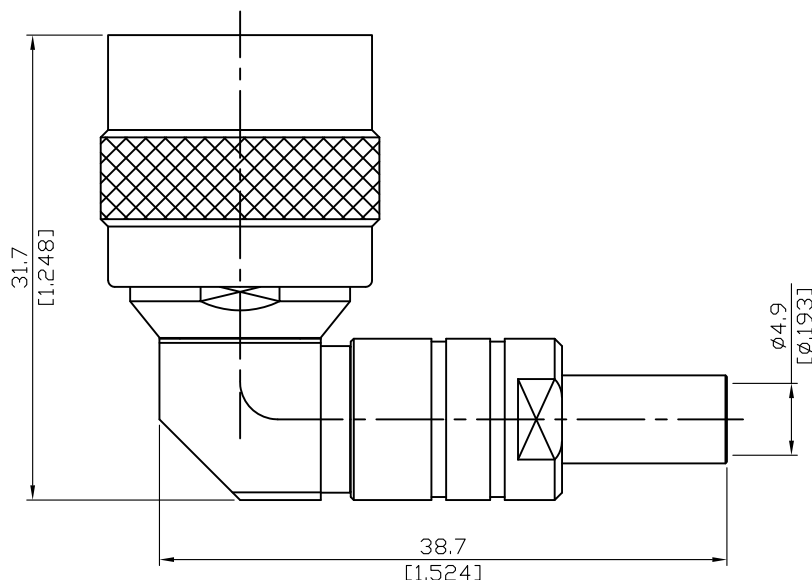


C3200S-M1801/MIL

C Plug Solder Clamp Right Angle
For IW1801 cable; 8GHz VSWR 1.4

50Ω



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

Suitable Cables: IW1801 cable

This part number complies with RoHS.

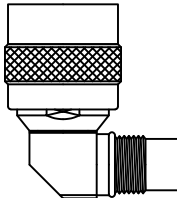
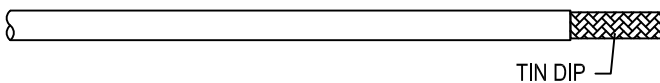
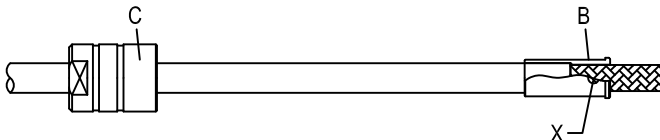
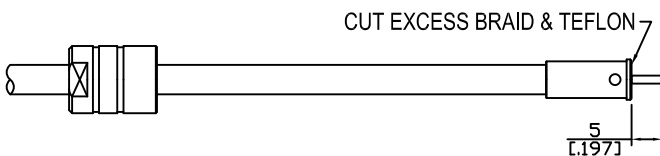
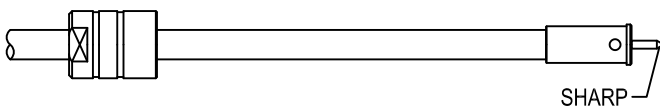
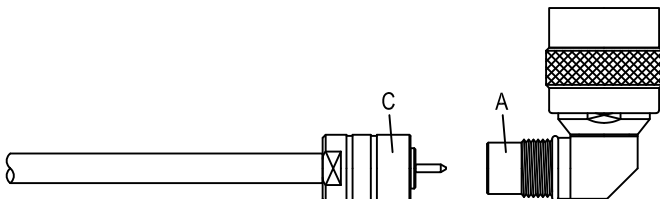
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

C	C3200S-M1801/MIL
Interface MIL-STD-348B	
Electrical Data Impedance 50Ω Frequency range DC to 8GHz VSWR ≤ 1.4 (DC to 8GHz) Insertion loss $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 10000\text{M}\Omega$ Contact resistance inner conductor $\leq 1\text{m}\Omega$ Contact resistance outer conductor $\leq 0.25\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 3000 V rms Working Voltage (at sea level) 1000 V rms Power Handling $\leq 400\text{W}$ (1GHz)	
Mechanical Data 2 stud bayonet Coupling Per MIL-C-39012 Coupling nut retention force ≥ 100 lbs Contact Captivation-axial ≥ 6 lbs Durability (mating) ≥ 500	
Environmental Data 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	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

C3200S-M1801/MIL		DATE	2022/08/05	REV	—
A  BODY + GASKET B  SOLDER FERRULE C  NUT					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: TIN DIP BRAID.		
			Step 3: SLIDE NUT " C " AND SOLDER FERRULE " B " 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: SHARPEN CENTER CONDUCTOR TIP.		
			Step 8: FINALLY SCREW NUT " C " 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-M1801/MIL

