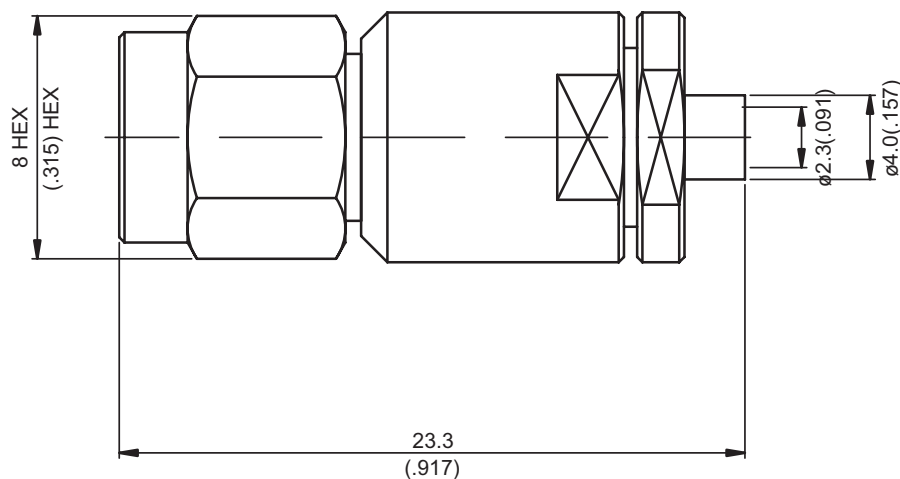


PC3.5-3300-0085

**3.5mm plug solder clamp for RG405;
26.5GHz VSWR 1.2**

50Ω



Parts	Material	Plating (Micro-inch)
Nut	Stainless Steel	Passivated
Solder Type	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	PPO	
Contact Body	Stainless Steel	Passivated
Body	Stainless Steel	Passivated
Coupling Nut	Stainless Steel	Passivated

Suitable Cables: Semi-rigid.085

This part number complies with RoHS.

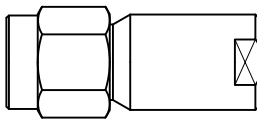
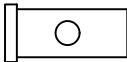
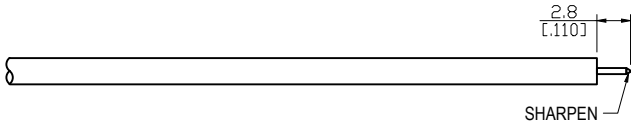
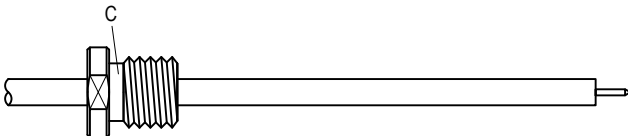
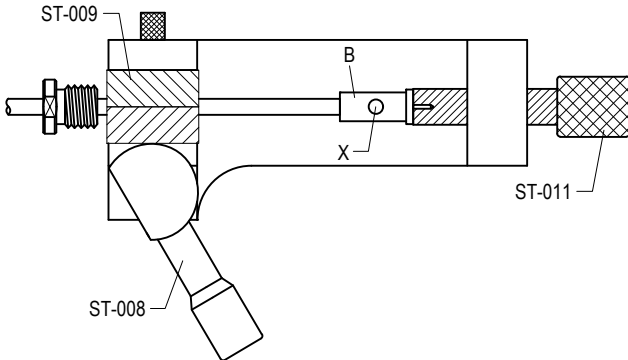
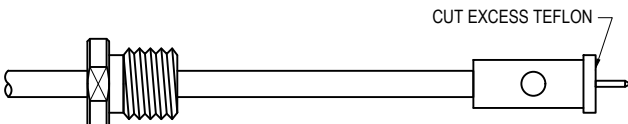
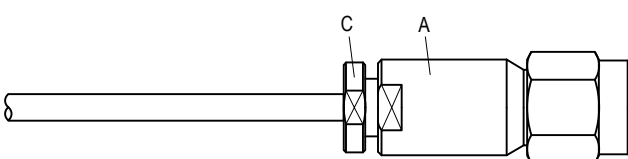
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

3.5	PC3.5-3300-0085
Interface IEC 60169-23 Mechanically compatible with 2.92 & SMA	
Electrical Data Impedance 50Ω Frequency range DC to 26.5GHz VSWR ≤ 1.2 (DC to 26.5GHz) Insertion loss $\leq 0.03 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 3\text{m}\Omega$ Contact resistance outer conductor $\leq 2\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 750 V rms Working voltage (at sea level) 250 V rms RF leakage $\geq 100\text{dB}$ to 1GHz	
Mechanical Data Recommended coupling nut torque 7.1 to 9.7 inch lbs Coupling proof torque 15 inch lbs Coupling nut retention force ≥ 60.7 lbs Contact captivation-axial ≥ 6.1 lbs Durability (mating) ≥ 500	
Environmental Data Temperature range -55°C to +105°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 Locator tool ST-011 Soldering fixture ST-008 Insert for .085 semi-rigid cable ST-009	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

PC3.5-3300-0085		DATE	2019/07/12	REV	A
A		B	C		
					
BODY		SOLDER FERRULE	NUT		
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN. Step 2: SHARPEN CENTER CONDUCTOR TIP.			
		Step 3: SLIDE NUT " C " OVER CABLE.			
		Step 4: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-011 " TO FIX THE SOLDER FERRULE. SOLDER IN " X ".			
		Step 5: CUT AWAY ANY EXCESS TEFLON STICKING OUT OF THE SOLDER FERRULE.			
		Step 6: FINALLY SCREW " 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	

PC3.5-3300-0085

S11

