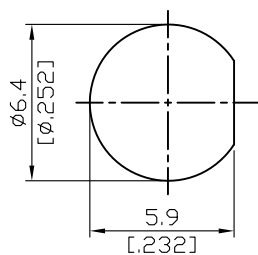
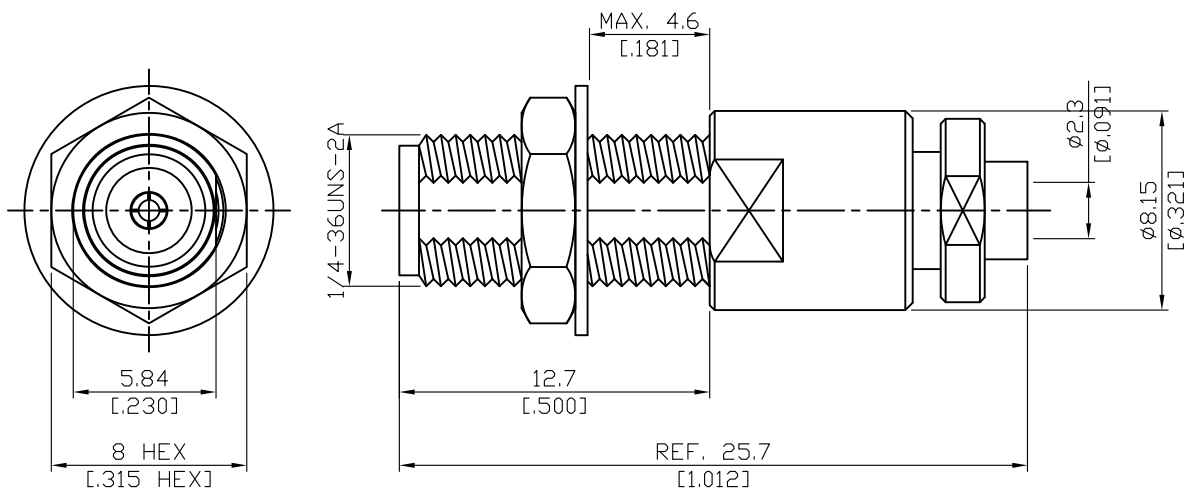


PC3.5-8205S-0085

3.5mm Jack Bulkhead Solder Clamp For RG405;
34.5GHz VSWR 1.25

50Ω



MOUNTING HOLE

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

Suitable Cables: .085semi-rigid; .085 conformable

This part number complies with RoHS.

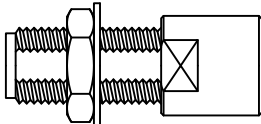
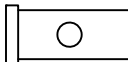
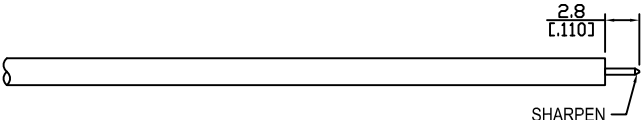
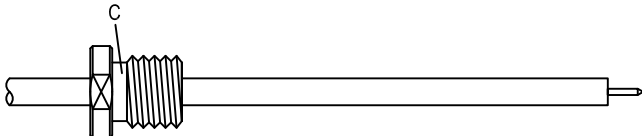
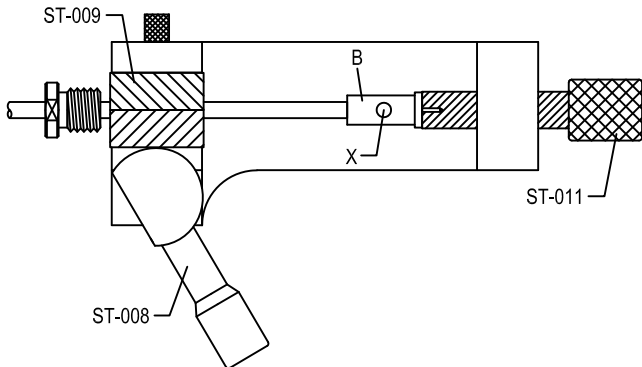
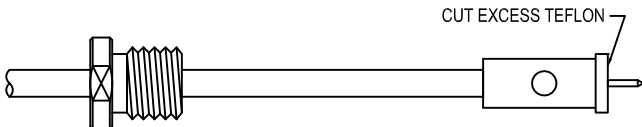
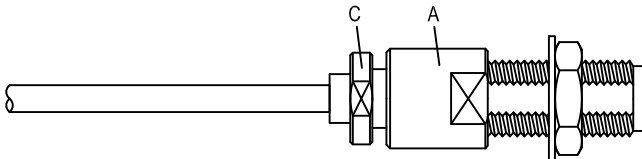
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

3.5	PC3.5-8205S-0085
Interface IEC 60169-23 Mechanically compatible with 2.92 & SMA	
Electrical Data Impedance 50Ω Frequency range DC to 34.5GHz VSWR ≤ 1.25 to 34.5GHz 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 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 Soldering fixture ST-008 Insert for .085 semi-rigid cable ST-009 Locator tool ST-011	

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

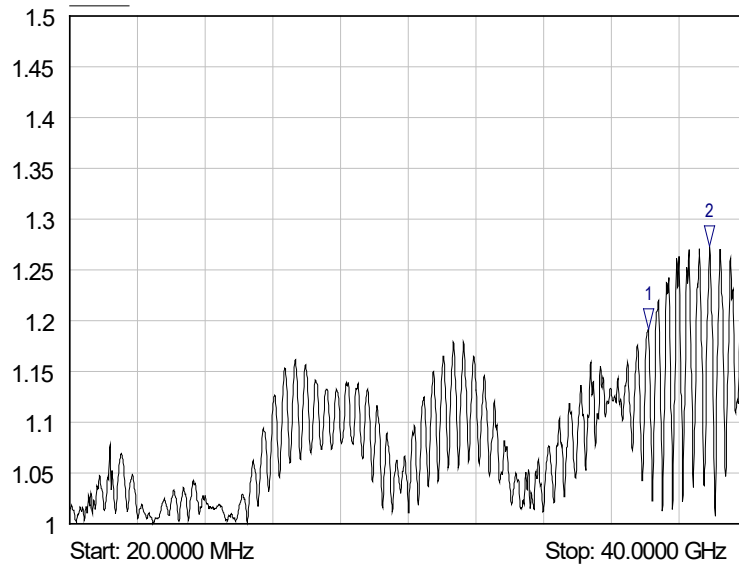
JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

PC3.5-8205S-0085		DATE	2021/12/10	REV	—
A		B	C		
					
BODY		SOLDER FERRULE	CLAMP NUT		
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN. Step 2: SHARPEN CENTER CONDUCTOR TIP.			
		Step 3: SLIDE CLAMP 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	

PC3.5-8205S-0085

SoftPlot Measurement Presentation
VSWR S11



- 1 S11
▽ 34.1800 GHz
1.19 VSWR
- 2 S11
▽ 37.8200 GHz
1.27 VSWR