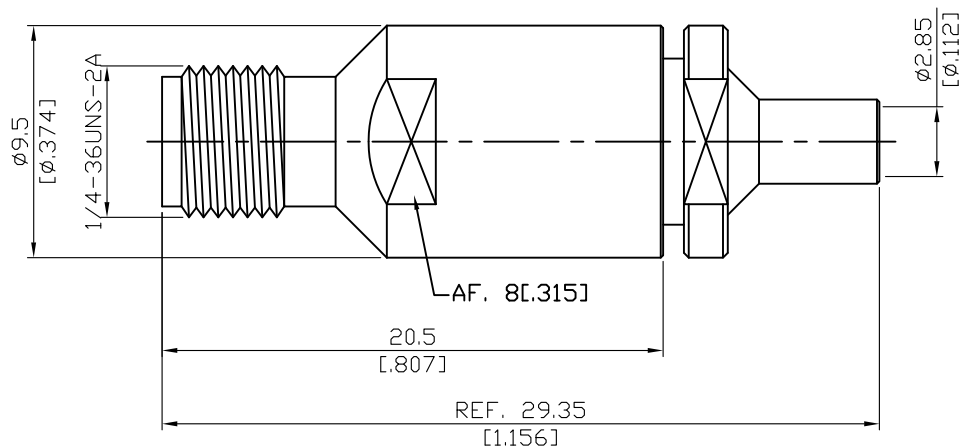


K8300-0085

2.92mm Jack Solder Clamp For RG405
42GHz VSWR 1.2

50Ω



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

Suitable Cables: semi-rigid .085

This part number complies with RoHS.

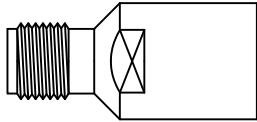
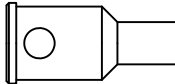
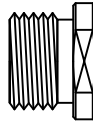
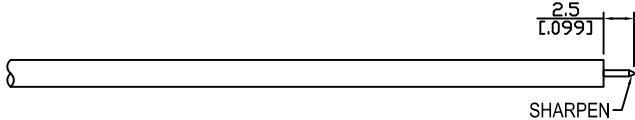
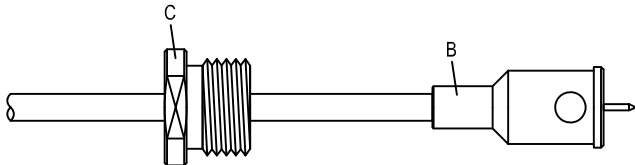
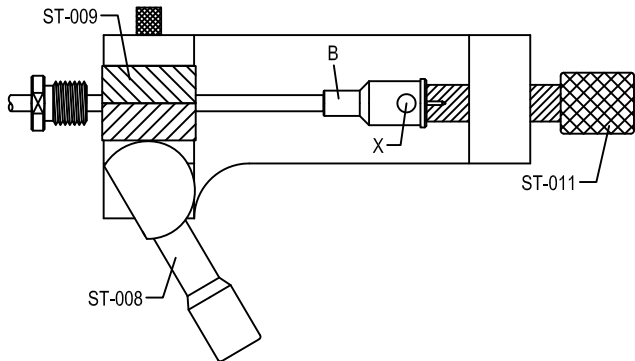
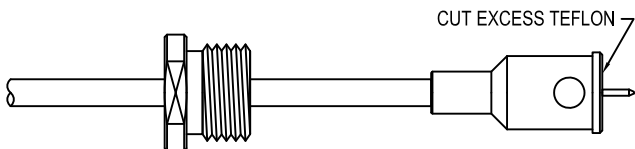
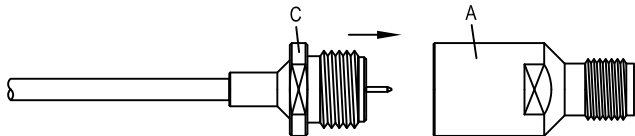
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

2.92 (K)	K8300-0085
Interface MIL-STD-348B Mechanically compatible with 3.5 & SMA	
Electrical Data Impedance 50Ω Frequency range DC to 42GHz VSWR ≤ 1.2 (DC to 42GHz) Insertion loss $\leq 0.04 \times \sqrt{f(\text{GHz})}$ 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 11.47 inch lbs Coupling proof torque 15 inch lbs Contact Captivation-axial ≥ 4.9 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 206 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

K8300-0085		DATE	2020/07/08	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 " AND SOLDER FERRULE " B " 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 NUT.		
			Step 6: 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	

K8300-0085

S11

