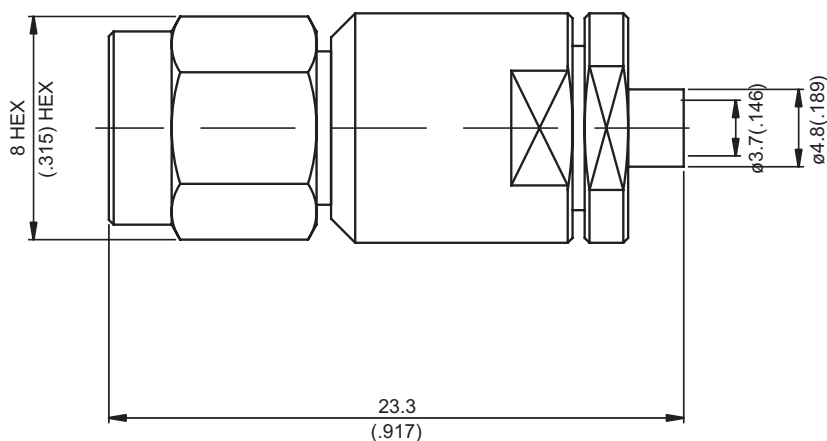


PC3.5-3200S-0141

3.5mm Plug Solder Clamp For RG402
26.5GHz VSWR1.25

50Ω



Parts	Material	Plating (Micro-inch)
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Solder Clamp	Stainless Steel	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	
Contact Body	Stainless Steel	Passivated
Body	Stainless Steel	Passivated
Coupling Nut	Stainless Steel	Passivated

Weight: 5.83 g

Suitable Cables: Semi-rigid.141

This part number complies with RoHS.

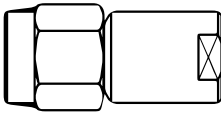
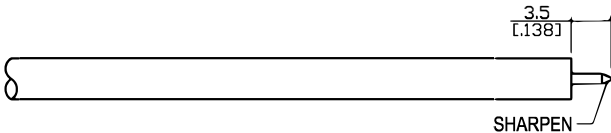
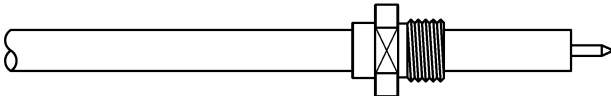
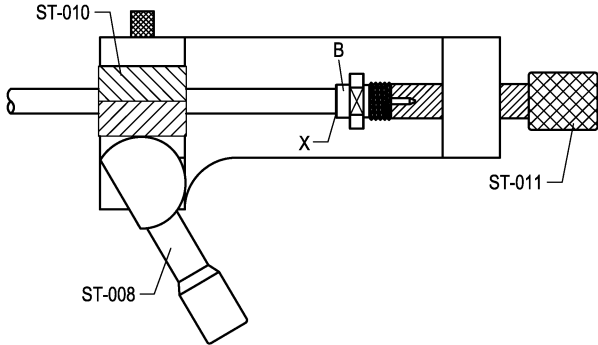
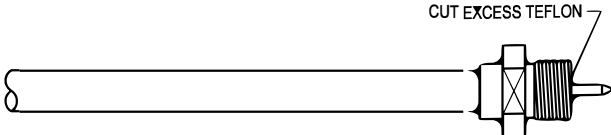
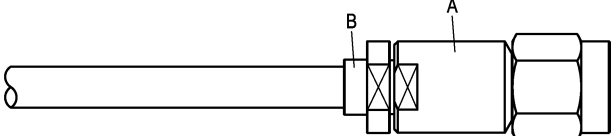
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

3.5	PC3.5-3200S-0141
Interface IEC 60169-23 Mechanically compatible with 2.92 & SMA	
Electrical Data Impedance 50Ω Frequency range DC to 26.5GHz VSWR ≤ 1.25 (DC to 26.5GHz) Insertion loss $\leq 0.03 \times \sqrt{f \text{ (GHz)}} \text{ dB}$ 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) 1000 V rms Working voltage (at sea level) 335 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 $\geq 60.7 \text{ lbs}$ Contact captivation-axial $\geq 6.1 \text{ lbs}$ 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 .141 semi-rigid cable ST-010	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

PC3.5-3200S-0141		DATE	2017/07/06	REV	—
A		B			
					
BODY		NUT			
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN. Step 2: SHARPEN CENTER CONDUCTOR TIP.			
		Step 3: SLIDE NUT " B " OVER CABLE.			
		Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-010 " AND LOCATOR TOOL " ST-011 " TO FIX THE SOLDER FERRULE. SOLDER IN " X ".			
		Step 5: CUT AWAY ANY EXCESS TEFLON STICKING OUT OF THE NUT.			
		Step 4: SCREW NUT " B " 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	

PC3.5-3200S-0141

