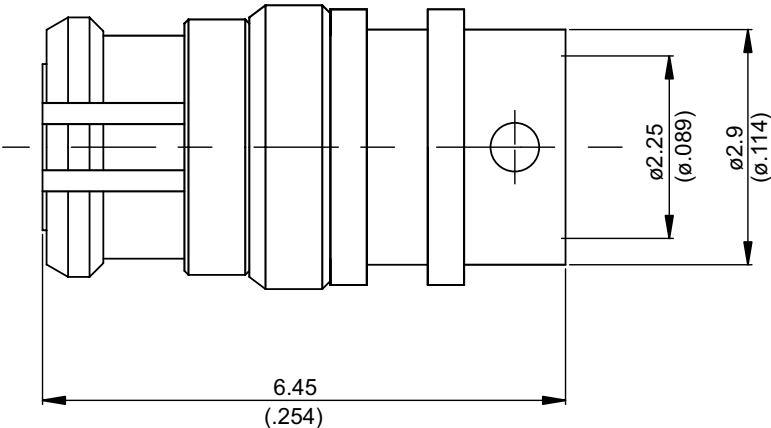


SMP8300-0085	SMP Jack Solder For RG405 26.5GHz VSWR 1.2 & 40GHz VSWR 1.5	50Ω															
																	
<table border="1"> <thead> <tr> <th>Parts</th><th>Material</th><th>Plating (Micro-inch)</th></tr> </thead> <tbody> <tr> <td>Renber Ring</td><td>Beryllium Copper</td><td>Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20</td></tr> <tr> <td>Contact Pin</td><td>Beryllium Copper</td><td>Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20</td></tr> <tr> <td>Insulator</td><td>Teflon</td><td></td></tr> <tr> <td>Body</td><td>Beryllium Copper</td><td>Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20</td></tr> </tbody> </table>			Parts	Material	Plating (Micro-inch)	Renber Ring	Beryllium Copper	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20	Contact Pin	Beryllium Copper	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20	Insulator	Teflon		Body	Beryllium Copper	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20
Parts	Material	Plating (Micro-inch)															
Renber Ring	Beryllium Copper	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20															
Contact Pin	Beryllium Copper	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20															
Insulator	Teflon																
Body	Beryllium Copper	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20															
Weight: 0.2 g Suitable Cables: Semi-rigid.085; Conformable .085																	

This part number complies with RoHS.

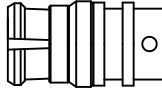
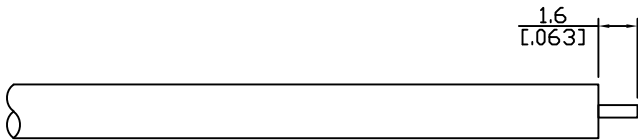
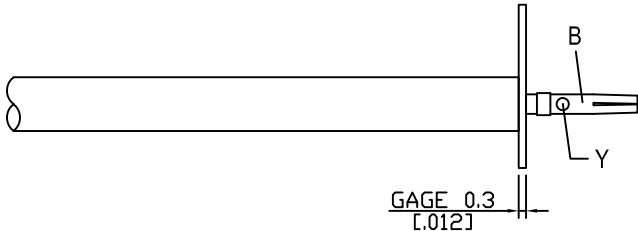
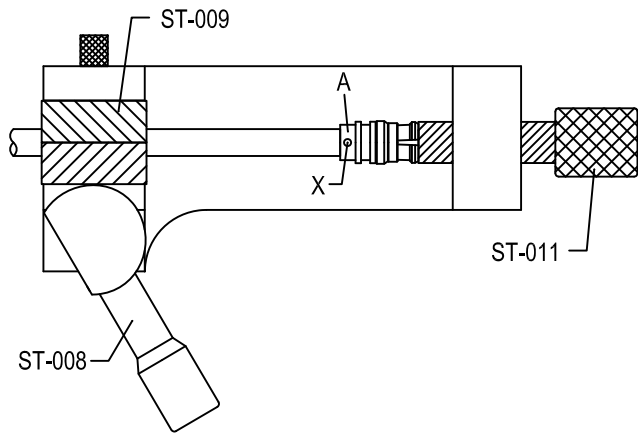
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMP		SMP8300-0085			
Interface		MIL-STD-348B			
Electrical Data		Impedance 50Ω Frequency range DC to 40GHz VSWR ≤ 1.2 (26.5GHz); ≤ 1.5 (40GHz) Insertion loss $\leq .06 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000 \text{ M}\Omega$ Contact resistance inner conductor $\leq 6\text{m}\Omega$ Contact resistance outer conductor $\leq 2\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 500 Working Voltage (at sea level) 335 RF-Leakage $\geq 80\text{dB}$ (3GHz); $\geq 65\text{dB}$ (3~26.5GHz)			
Mechanical Data		Full Detent	Limited Detent	Smooth bore & catchers mit	
Engagement force		≤ 15	≤ 10	≤ 2	lbs
Disengagement force		≥ 5	≥ 2	≥ 0.5	lbs
Durability (mating)		≥ 100	≥ 500	≥ 1000	
Axial misalignment		$+ 0.00 / -0.25$ (+.000 / -.010)			
Radial misalignment		± 0.25 (0.010)			
Environmental Data		Temperature range -65°C to +165°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 gauge ST-0.3 Insert for .085 semi-rigid cable ST-009 Locator tool ST-011 Soldering fixture ST-008			

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

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

SMP8300-0085		DATE	2019/11/15	REV	—
A		B			
					
BODY		CONTACT PIN			
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: PUT 0.3 MM GAGE ST-0.3 IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y ".			
		Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMP8300-0085

