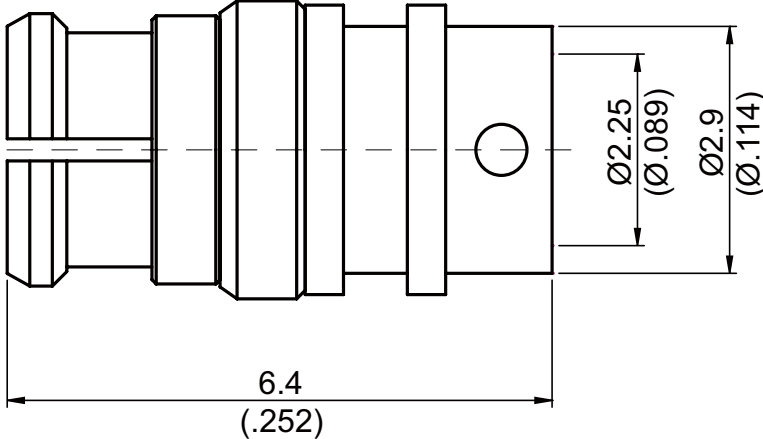


SMP8375-0085	SMP Jack Solder For 75ohm .085 semi-rigid 5Ghz VSWR1.2	75Ω															
																	
<table border="1"> <thead> <tr> <th>Parts</th><th>Material</th><th>Plating (Micro-inch)</th></tr> </thead> <tbody> <tr> <td>Renber Ring</td><td>Beryllium Copper</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr> <tr> <td>Contact Pin</td><td>Beryllium Copper</td><td>Gold 4 Over Nickel-Phosphorus 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-Phosphorus Alloy 80 Over Copper 20</td></tr> </tbody> </table>			Parts	Material	Plating (Micro-inch)	Renber Ring	Beryllium Copper	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	Teflon		Body	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Parts	Material	Plating (Micro-inch)															
Renber Ring	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20															
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Insulator	Teflon																
Body	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20															
Weight: 0.19 g Suitable Cables: 75Ω Semi-rigid.085 Cable																	

This part number complies with RoHS.

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

SMP		SMP8375-0085			
Electrical Data					
Impedance	75Ω				
Frequency range	DC to 5GHz				
VSWR	≤ 1.2 (DC to 5GHz)				
Insertion loss	≤.06 x √f(GHz) dB				
Insulation resistance	≥ 5000 MΩ				
Contact resistance inner conductor	≤ 6mΩ				
Contact resistance outer conductor	≤ 2mΩ				
Dielectric withstanding voltage (at sea level)	500				
Working Voltage (at sea level)	335				
RF-Leakage	≥ 80dB (3GHz); ≥ 65dB (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),min			
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				
Locator tool	ST-011				
Soldering fixture	ST-008				
Insert for .085 semi-rigid cable	ST-009				

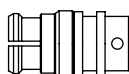
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

CABLE ASSEMBLY INSTRUCTION

SMP8375-0085

JYE BAO CO., LTD.

A



BODY

B



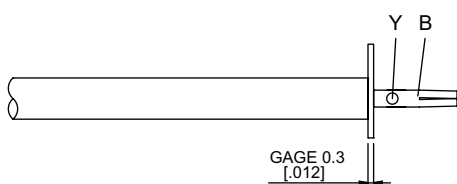
CONTACT PIN

DIAGRAM

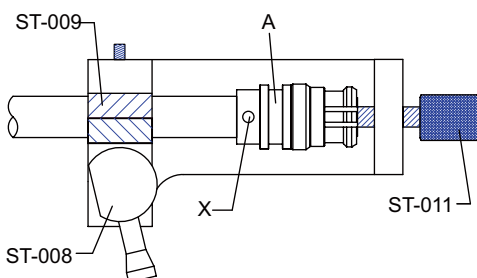
ASSEMBLY INSTRUCTION



Step 1: STRIP AS SHOWN .



Step 2: PUT 0.3 MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y " .



Step 3: INSERT PREPARED CABLE INTO SOLDERING FIXTURE " ST-008 ". USE 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.