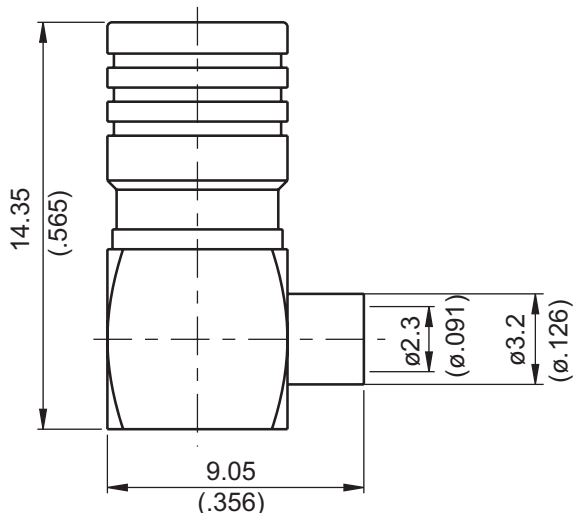


SMB3300-9085	SMB Plug Solder Right Angle For RG405; 4GHz VSWR 1.2		50Ω																					
<div></div>																								
<table><tr><th>Parts</th><th>Material</th><th>Plating (Micro-inch)</th></tr><tr><td>Cover</td><td>Brass</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr><tr><td>Retainer Ring</td><td>Beryllium Copper</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</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>Brass</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr><tr><td>Coupling Nut</td><td>Brass</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr></table>				Parts	Material	Plating (Micro-inch)	Cover	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Insulator	Teflon		Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Coupling Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
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Weight: 2.70 g Suitable Cables: Semi-rigid.085 ; Conformable .085																								

This part number complies with RoHS.

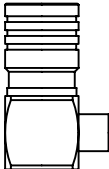

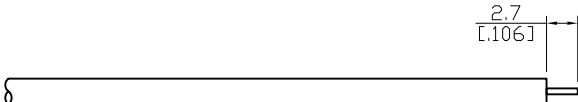
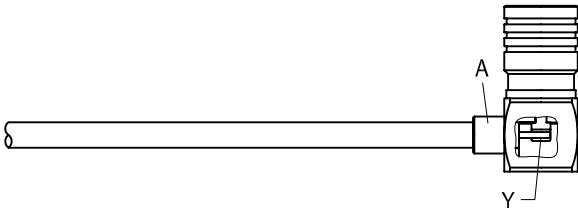
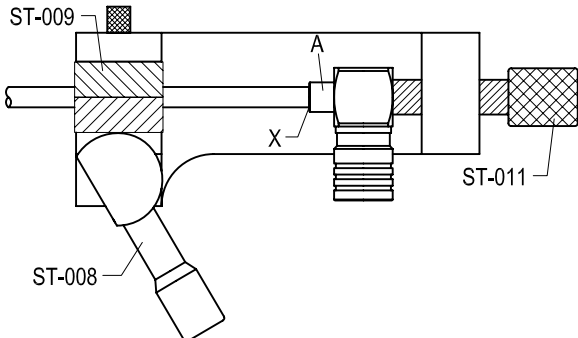
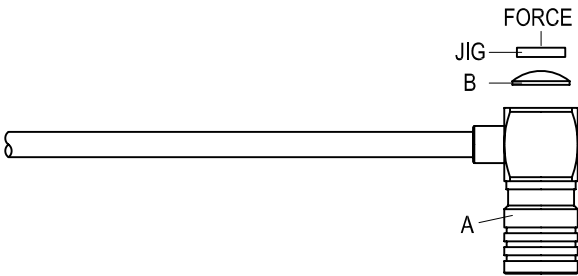
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMB	SMB3300-9085
<div>Interface</div> <p>MIL-STD-348B</p> <p>Mechanically compatible with SMS</p>	
<div>Electrical Data</div> <p>Impedance 50Ω</p> <p>Frequency range DC to 4GHz</p> <p>VSWR <math>\leq 1.2</math> (DC to 4GHz)</p> <p>Insertion loss <math>\leq 0.1 \times \sqrt{f(\text{GHz})}</math> dB</p> <p>Insulation resistance <math>\geq 10000\text{M}\Omega</math></p> <p>Contact resistance inner conductor <math>\leq 5\text{m}\Omega</math></p> <p>Contact resistance outer conductor <math>\leq 2.5\text{m}\Omega</math></p> <p>Dielectric withstanding voltage (at sea level) 1000 V rms</p> <p>Working Voltage (at sea level) 335 V rms</p>	
<div>Mechanical Data</div> <p>Disengagement force 1.8 to 14.2 lbs</p> <p>Engagement force 1.8 to 14.2 lbs</p> <p>Contact captivation-axial <math>\geq 4</math> lbs</p> <p>Durability (mating) <math>\geq 500</math></p>	
<div>Environmental Data</div> <p>Temperature range -65°C to +165°C</p> <p>Thermal shock MIL-STD-202, Method 107, Condition B</p> <p>Moisture resistance MIL-STD-202, Method 106</p> <p>Corrosion MIL-STD-202, Method 101, Condition B</p> <p>RoHS Compliant</p>	
<div>Tooling</div> <p>Soldering fixture ST-008</p> <p>Insert for .085 semi-rigid cable ST-009</p> <p>Locator tool ST-011</p>	

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

# JYE BAO CO., LTD.

## CABLE ASSEMBLY INSTRUCTION

SMB3300-9085		DATE	2017/06/12	REV	—
<div>A</div> <div></div> <div>BODY</div>		<div>B</div> <div></div> <div>COVER</div>			
DIAGRAM		ASSEMBLY INSTRUCTION			
<div></div>		Step 1: STRIP AS SHOWN.			
<div></div>		Step 2: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR " A " AND SOLDER IN " Y ".			
<div></div>		Step 3: USE SOLDERING FIXTURE " ST-008 " , INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".			
<div></div>		Step 4: PRESS ON THE TOP OF " B " WITH JIGS.			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

*Albert*

# SMB3300-9085

