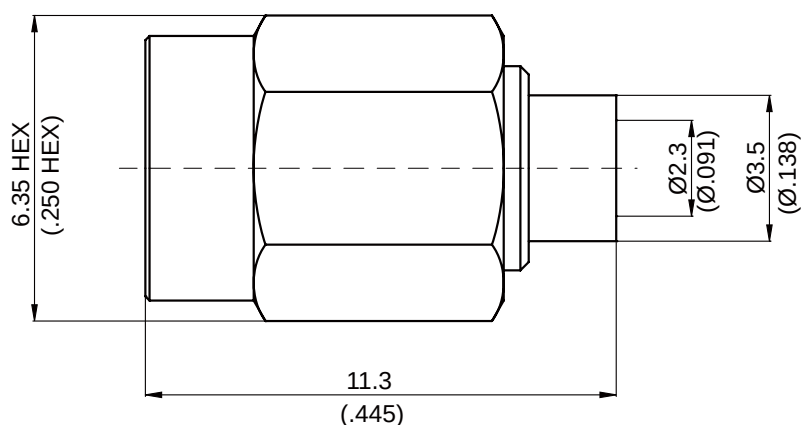


SSMA3300-0085

SSMA Plug Solder For RG405
17GHz VSWR1.2

50Ω



Parts	Material	Plating (Micro-inch)
Gasket	Silicon	
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Brass	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

Suitable Cables: Semi-rigid.085; Conformable .085

This part number complies with RoHS.

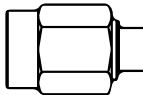
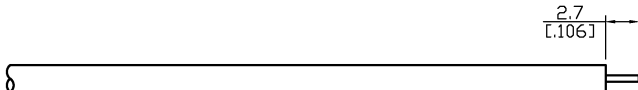
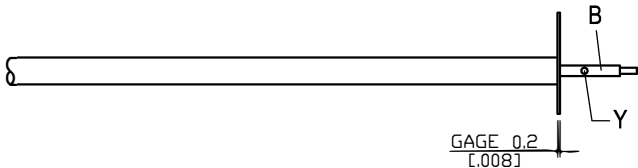
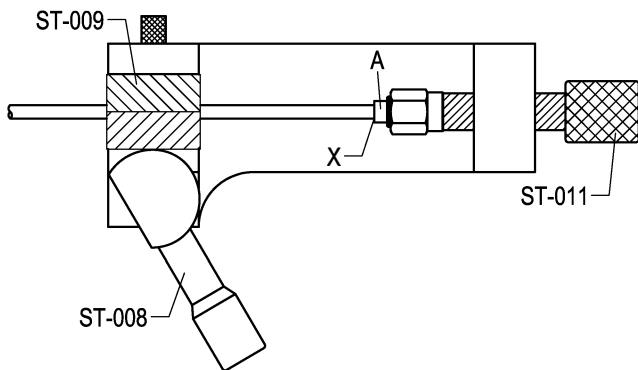
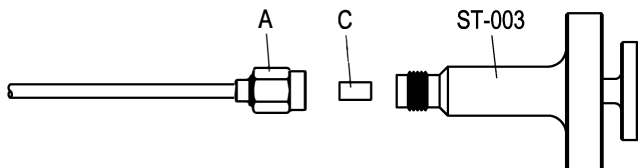
Notice: JYEBAC reserves the right to make modifications deemed appropriate.

SSMA		SSMA3300-0085													
Interface		MIL-STD-348B													
Electrical Data		Impedance 50Ω Frequency range DC to 17GHz VSWR ≤ 1.2 (DC to 17GHz) Insertion loss $\leq 0.06 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 4\text{m}\Omega$ Contact resistance outer conductor $\leq 2.5\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 750 V rms Working Voltage (at sea level) 250 V rms													
Mechanical Data		Recommended coupling nut torque 4 inch lbs Coupling proof torque 5 inch lbs Coupling nut retention force ≥ 60 lbs Contact captivation-axial ≥ 5 lbs Durability (mating) ≥ 500													
Environmental Data		Temperature range -65°C to +165°C Thermal shock MIL-STD-202, Method 107, Condition A Moisture resistance MIL-STD-202, Method 106 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant													
Tooling		<table> <tr> <td>Dielectric insertion tool</td><td>ST-003</td><td>Soldering fixture</td><td>ST-008</td></tr> <tr> <td>Soldering gauge</td><td>ST-0.2</td><td>Insert for .085semi-rigid cable</td><td>ST-009</td></tr> <tr> <td>Locator tool</td><td>ST-011</td><td></td><td></td></tr> </table>		Dielectric insertion tool	ST-003	Soldering fixture	ST-008	Soldering gauge	ST-0.2	Insert for .085semi-rigid cable	ST-009	Locator tool	ST-011		
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Soldering gauge	ST-0.2	Insert for .085semi-rigid cable	ST-009												
Locator tool	ST-011														

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SSMA3300-0085		DATE	2018/06/01	REV	—
A		B		C	
					
BODY		CONTACT PIN		INSULATOR	
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ". USE 0.2MM GAGE ST-0.2		
			Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".		
			Step 4: USE DIELECTRIC INSERTION TOOL " ST-003 " TO INSERT THE TEFLON " C ".		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SSMA3300-0085

