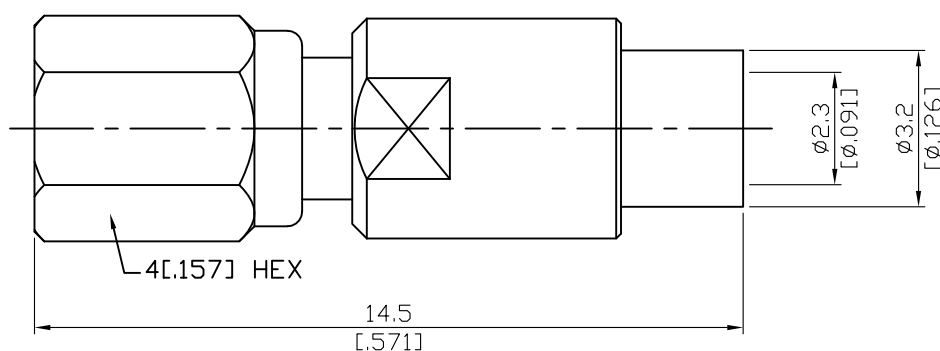


SSMC3300-0085

SSMC Plug Solder For RG405
11GHz VSWR 1.25

50Ω



Parts	Material	Plating (Micro-inch)
Barrel	Brass	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	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: .085 Semi-Rigid, .085 Formable, RG405

This part number complies with RoHS.

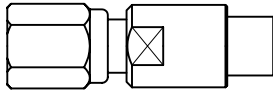
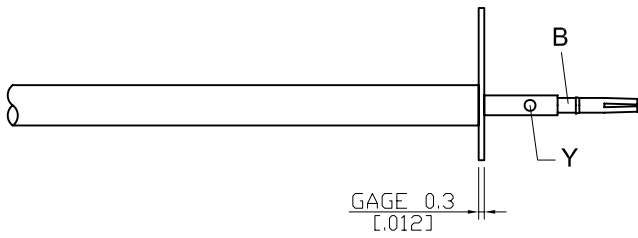
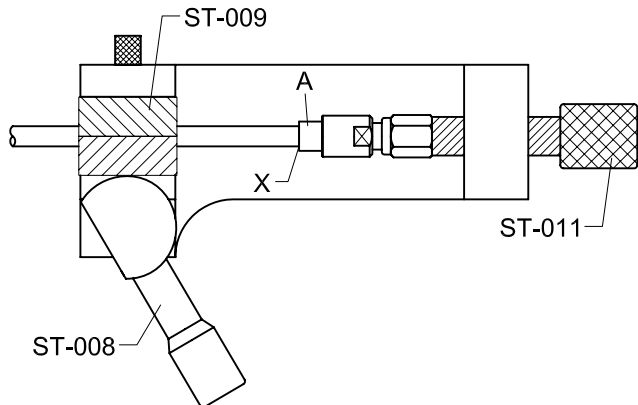
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SSMC		SSMC3300-0085	
Electrical Data			
Impedance		50Ω	
Frequency range		DC to 11GHz	
VSWR		≤ 1.25 (DC to 11GHz)	
Insertion loss		$\leq 0.1 \times \sqrt{f(\text{GHz})}\text{dB}$	
Insulation resistance		$\geq 10000\text{M}\Omega$	
Contact resistance inner conductor		$\leq 5\text{m}\Omega$	
Contact resistance outer conductor		$\leq 2.5\text{m}\Omega$	
Dielectric withstanding voltage (at sea level)		500 V rms	
Working voltage (at sea level)		175 V rms	
RF- leakage		$\geq 70\text{dB}$ to 1GHz	
Mechanical Data			
Recommended coupling nut torque		1.8 to 2 inch lbs	
Coupling proof torque		2.6 inch lbs	
Coupling nut retention force		≥ 22.5 lbs	
Contact captivation-axial		≥ 1.8 lbs	
Durability (mating)		≥ 500	
Environmental Data			
Temperature range		-65°C to $+165^{\circ}\text{C}$	
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	Soldering fixture	ST-008
Locator tool	ST-011	Insert for .085 semi-rigid cable	ST-009

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SSMC3300-0085		DATE	2016/07/20	REV	—
A		B			
					
BODY		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: 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	

SSMC3300-0085

