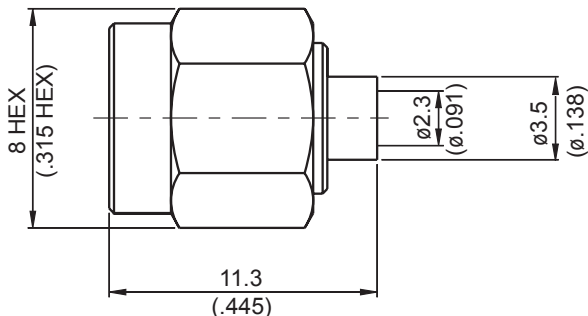


SMA3300SG-0085	SMA Plug Solder For RG405 27GHz VSWR 1.2	50Ω																					
																							
<table><tr><th>Parts</th><th>Material</th><th>Plating(Micro-inch)</th></tr><tr><td>Contact Pin</td><td>Brass</td><td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td></tr><tr><td>Renber Ring</td><td>Beryllium Copper</td><td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td></tr><tr><td>Gasket</td><td>Silicon</td><td></td></tr><tr><td>Insulator</td><td>Teflon</td><td></td></tr><tr><td>Body</td><td>Stainless</td><td>Gold 5 Over Nickel 50 Over Copper 50</td></tr><tr><td>Coupling Nut</td><td>Stainless</td><td>Gold 5 Over Nickel 50 Over Copper 50</td></tr></table>			Parts	Material	Plating(Micro-inch)	Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20	Renber Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Gasket	Silicon		Insulator	Teflon		Body	Stainless	Gold 5 Over Nickel 50 Over Copper 50	Coupling Nut	Stainless	Gold 5 Over Nickel 50 Over Copper 50
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Coupling Nut	Stainless	Gold 5 Over Nickel 50 Over Copper 50																					
Weight: 2.49 g Suitable Cables: Semi-Rigid .085; Formable .085; RG405																							

This part number complies with RoHS.

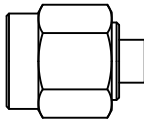
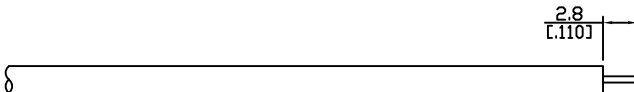
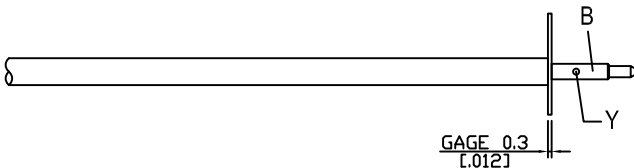
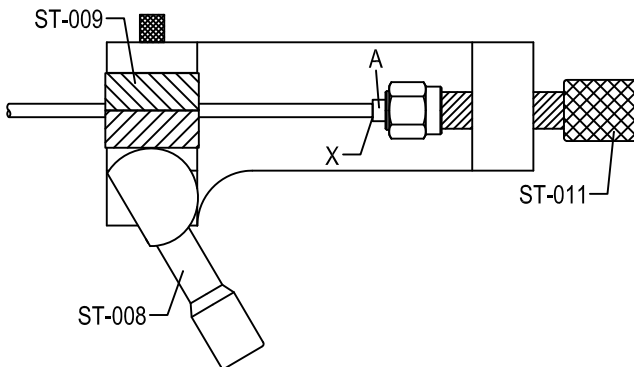
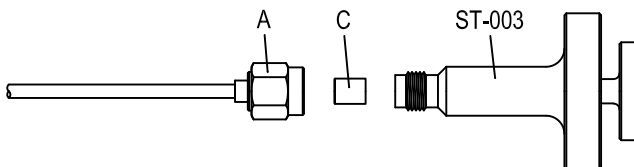
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA3300SG-0085
Interface MIL-STD-348B Mechanically compatible with 2.92 & 3.5	
Electrical Data Impedance 50Ω Frequency range DC to 27GHz VSWR ≤ 1.2 (DC to 27GHz) Insertion loss $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 3\text{m}\Omega$ Contact resistance outer conductor $\leq 2\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 1000 V rms Working voltage (at sea level) 335 V rms	
Mechanical Data Recommended coupling nut torque 7 to 9.5 inch lbs Coupling proof torque 15 inch lbs Coupling nut retention force ≥ 60.7 lbs Contact Captivation-axial ≥ 6.1 lbs Durability (mating) ≥ 500	
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 0.3mm thick ST-0.3 Soldering fixture ST-008 Insert for .085inch semi-rigid cable ST-009 Locator tool ST-011 Dielectric insertion tool ST-003	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMA3300SG-0085		DATE	2017/12/01	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 0.3MM GAGE ST-0.3		
			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	

SMA3300SG-0085

