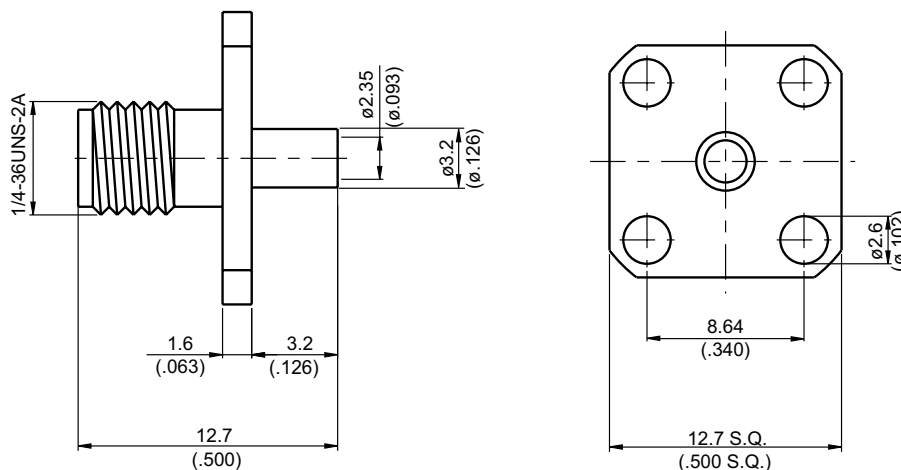
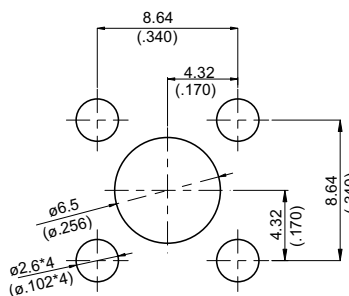


SMA8346SG-0085

SMA Jack Solder SQ 12.7mm 4 Hole Flange 50Ω
For RG405; 27GHz VSWR 1.2



MOUNTING HOLE :



Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Stainless	Gold 5 over Nickel 50 over Copper 50

Weight: 2.49 g
Suitable Cables: Semi-rigid .085

This part number complies with RoHS.

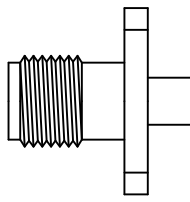
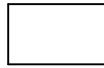
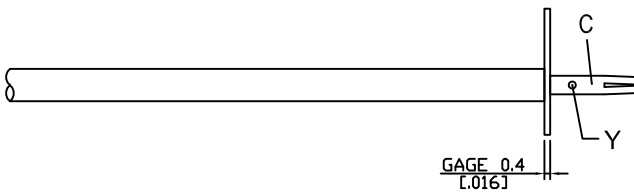
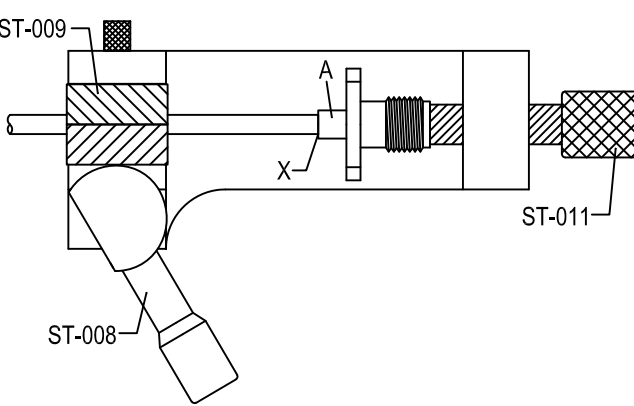
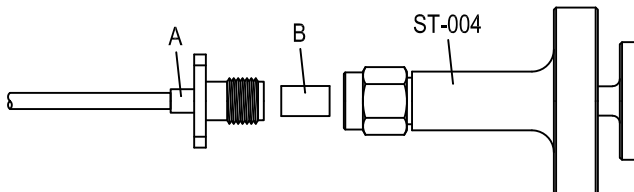
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA8346SG-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 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 ST-0.4 Locator tool ST-011 Dielectric insertion tool ST-004 Soldering fixture ST-008 Insert for .085inch semi-rigid cable ST-009	

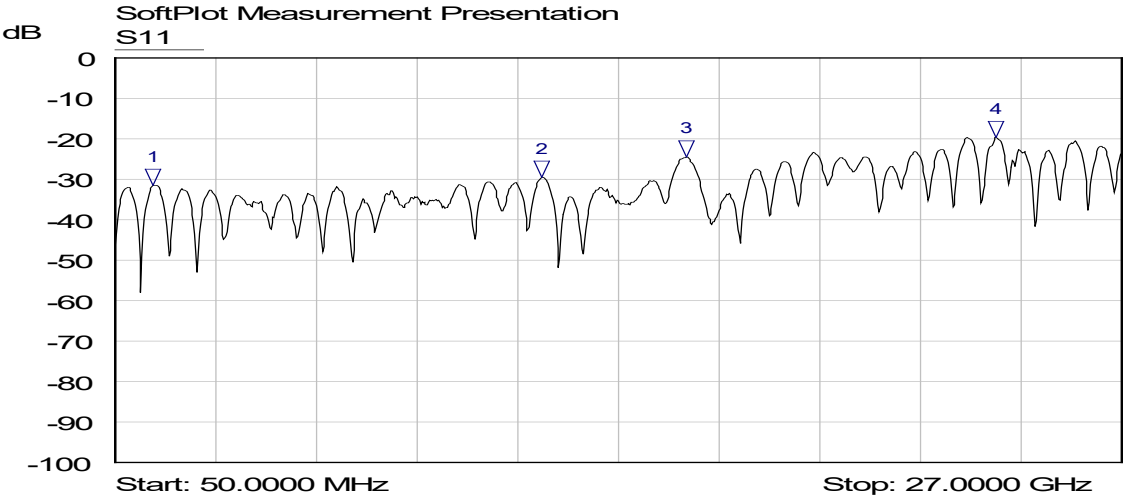
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMA8346SG-0085		DATE	2017/12/01	REV	—
A		B	C		
					
BODY		INSULATOR	CONTACT PIN		
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: PUT 0.4 MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN "C" 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 ".			
		Step4: USE DIELECTRIC INSERTION TOOL " ST-004 " TO INSERT THE TEFLON " B ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMA8346SG-0085



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S11	1.0692 GHz	-31.47 dB	
2 ▽	S11	11.4715 GHz	-29.46 dB	
3 ▽	S11	15.3387 GHz	-24.46 dB	
4 ▽	S11	23.6425 GHz	-19.59 dB	