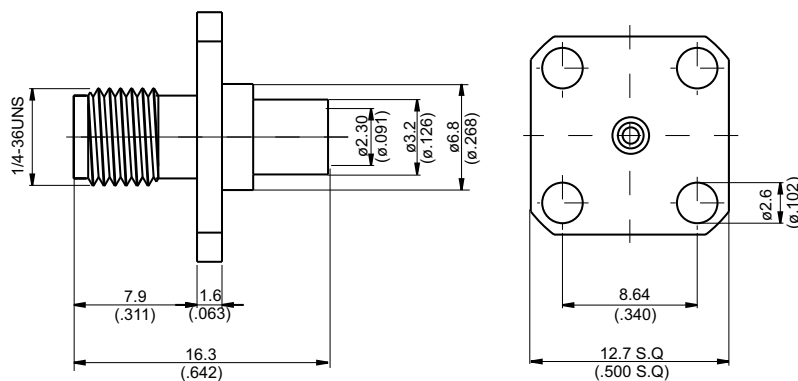


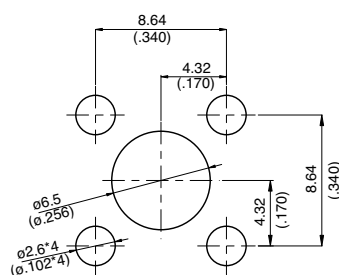
SMA8346S-0085

SMA Jack Solder SQ 12.7mm 4 Hole Flange
For RG405, 27GHz VSWR 1.25

50Ω



MOUNTING HOLE



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

Weight: 2.01 g

Suitable Cables: Semi-rigid.085

This part number complies with RoHS.

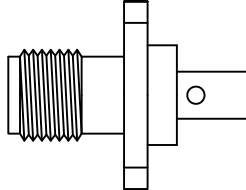
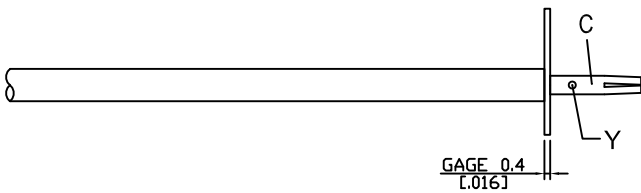
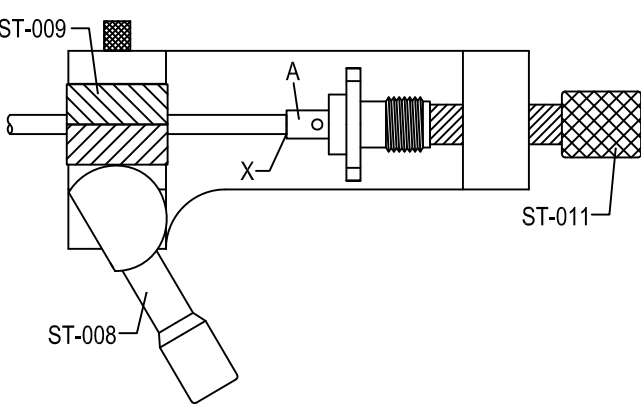
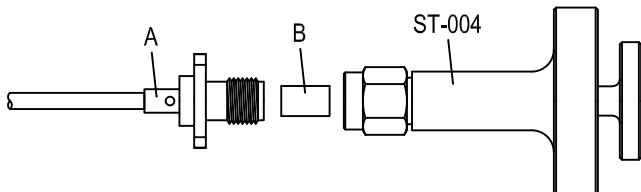
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA		SMA8346S-0085	
Interface			
MIL-STD-348B			
Mechanically compatible with		2.92 & 3.5	
Electrical Data			
Impedance		50Ω	
Frequency range		DC to 27GHz	
VSWR		≤ 1.25 (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	Soldering fixture	ST-008
Locator tool	ST-011	Insert for .085 semi-rigid cable	ST-009
Dielectric insertion tool	ST-004		

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

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

SMA8346S-0085		DATE	2018/03/25	REV	—
A  BODY B  INSULATOR C  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	

SMA8346S-0085

