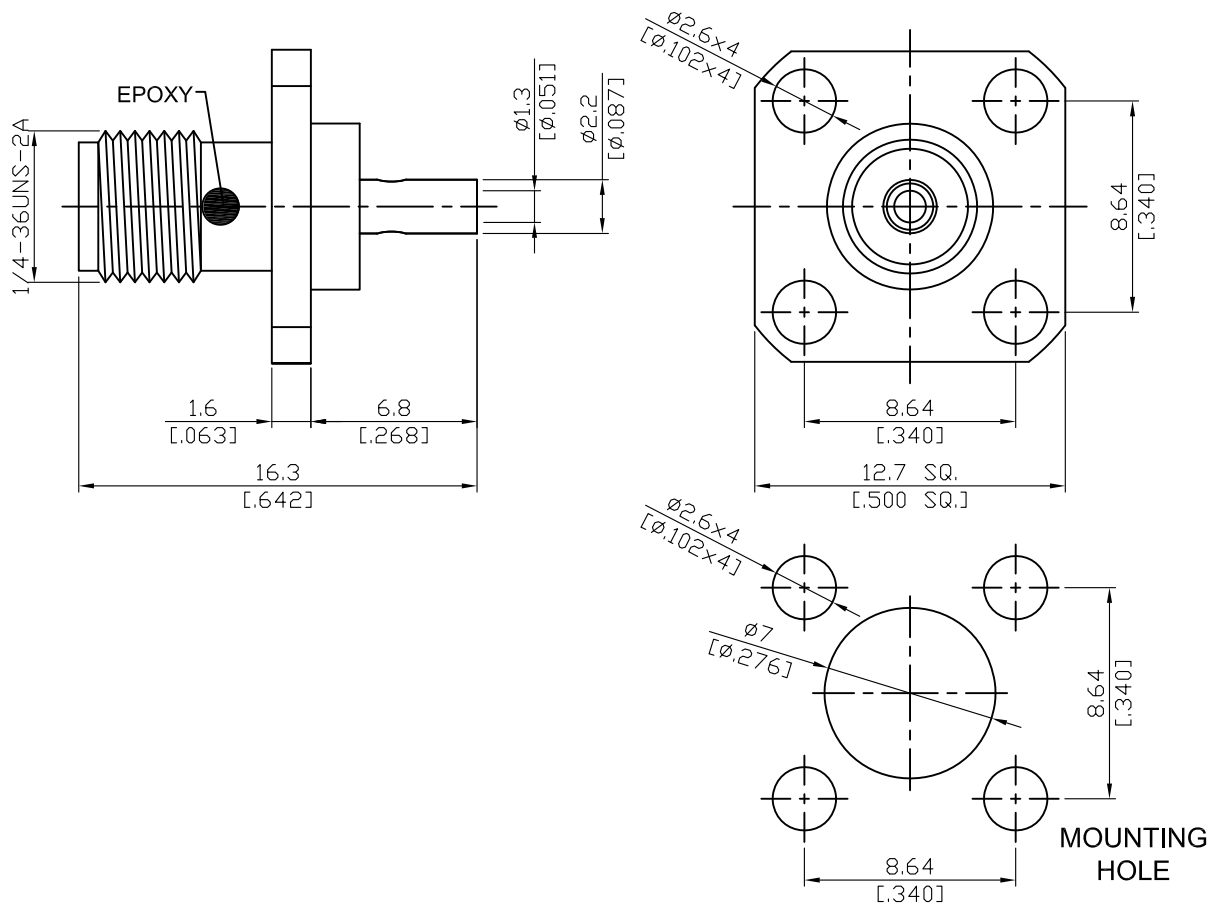


SMA8346S-0047

SMA Jack Solder 4-Hole Flange For .047 semi-rigid
18GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)
Solder Body	Stainless Steel	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 Steel	Passivated

Weight: 3.01 g
Suitable Cables: Semi-rigid.047, Conformable .047

This part number complies with RoHS.

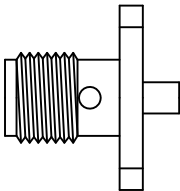
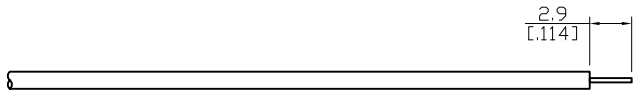
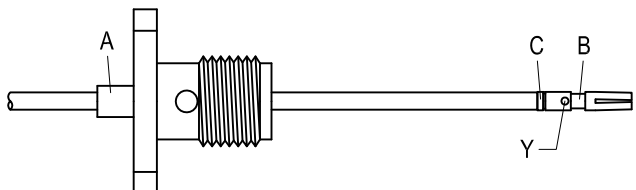
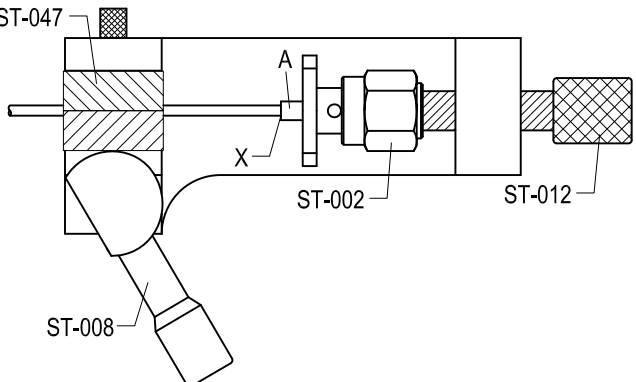
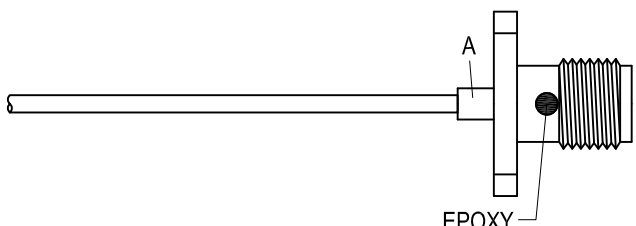
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA8346S-0047
Interface MIL-STD-348B Mechanically compatible with 2.92 & 3.5	
Electrical Data Impedance 50Ω Frequency range DC to 18GHz VSWR ≤ 1.2 (DC to 18GHz) 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) 1500 V rms Working voltage (at sea level) 500 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 fixture ST-008 Insert for .047 semi-rigid cable ST-047 Locator tool ST-002; ST-012	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMA8346S-0047		DATE	2019/10/30	REV	A
A		B		C	
					
BODY		CONTACT PIN		INSULATOR	
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE CONNECTOR "A" OVER CABLE. Step 3: PUT INSULATOR "C" AND CENTER PIN "B" ON CENTER CONDUCTOR AND SOLDER IN "Y".		
			Step 4:USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-047 " AND LOCATOR TOOL " ST-002 " 、"ST-012 "TO FIX THE CONNECTOR. SOLDER IN " X ".		
			Step 5: POUR EPOXY INTO CONNECTOR.		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	