

[illegible]

This part number complies with RoHS.

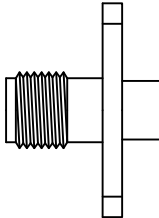
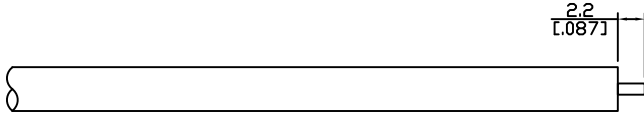
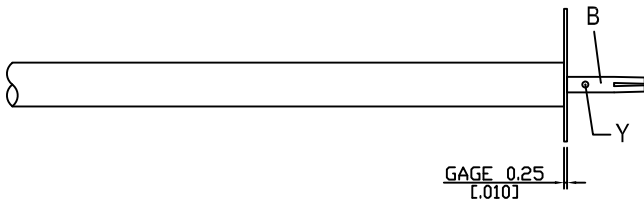
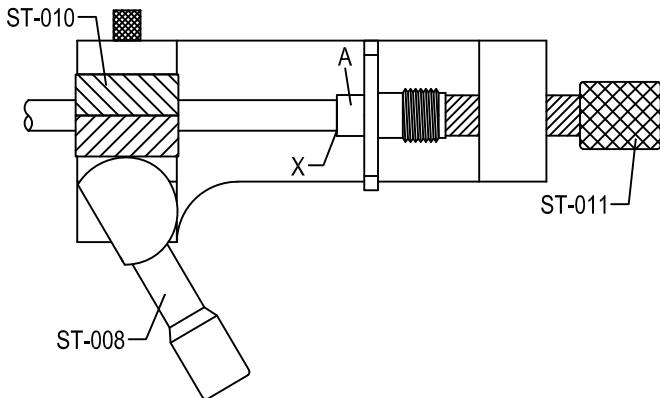
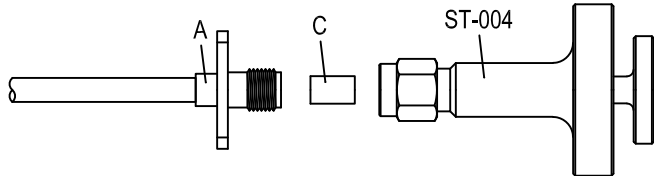
Notice: JYBAO reserves the right to make modifications deemed appropriate.

SMA		SMA8346T-0141/W	
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		4 inch lbs	
Coupling proof torque		5.3 inch lbs	
Coupling nut retention force		≥ 60.7 lbs	
Contact Captivation-axial		≥ 6.1 lbs	
Durability (mating)		≥ 100	
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-005	Soldering fixture	ST-008
Locator tool	ST-011	Insert for .141 semi-rigid cable	ST-010
Dielectric insertion tool	ST-004		

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JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

SMA8346T-0141/W		DATE	2020/06/10	REV	-
A  BODY B  CONTACT PIN C  INSULATOR					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: PUT 0.25 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-010 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".		
			Step 4: USE DIELECTRIC INSERTION TOOL " ST-004 " TO INSERT THE TEFLON " C ".		
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APPROVED		CHECKED		DRAWING	
				Albert	