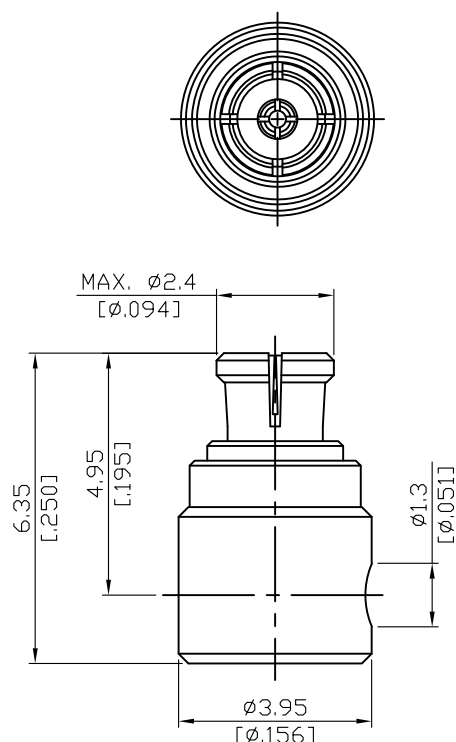


SMPM8300-9047

SMPM Jack Solder Right Angle For .047 semi-rigid;
11GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)
Cover	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Suitable Cables: semi-rigid .047

This part number complies with RoHS.

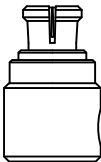
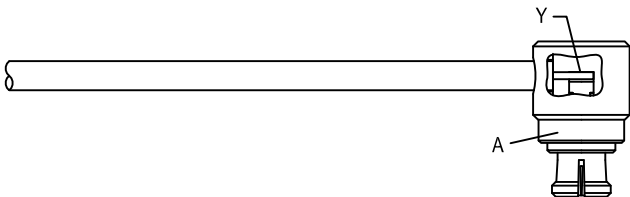
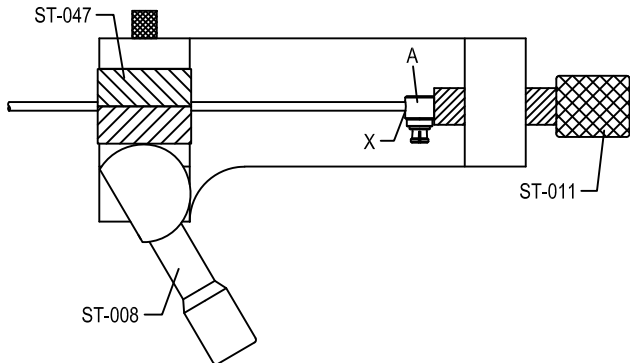
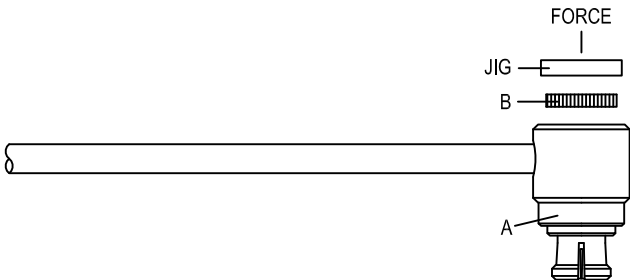
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMPM		SMPM8300-9047		
Interface		MIL-STD-348B		
Electrical Data		Impedance 50Ω Frequency range DC to 11GHz VSWR ≤ 1.2 (DC to 11GHz) Insertion loss $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000 \text{ M}\Omega$ Contact resistance inner conductor $\leq 6\text{m}\Omega$ Contact resistance outer conductor $\leq 2\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 325		
Mechanical Data		Full Detent	Smooth bore	
Engagement force		3.5 typical	1.5 typical	lbs
Disengagement force		5.0 typical	1.5 typical	lbs
Durability (mating)		≥ 100	≥ 1000	
Contact pin captivation		$\geq 1.5\text{lbs}$		
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-008 Locator tool ST-011 Insert for .047inch semi-rigid cable ST-047		

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMPM8300-9047		DATE	2017/09/25	REV	—
A		B			
					
BODY		COVER			
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR " A " AND SOLDER IN " Y ".			
		Step 3: USE SOLDERING FIXTURE " ST-008 " , INSERT TOOL " ST-047 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".			
		Step 4: PRESS ON THE TOP OF " B " WITH JIGS.			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMPM8300-9047

