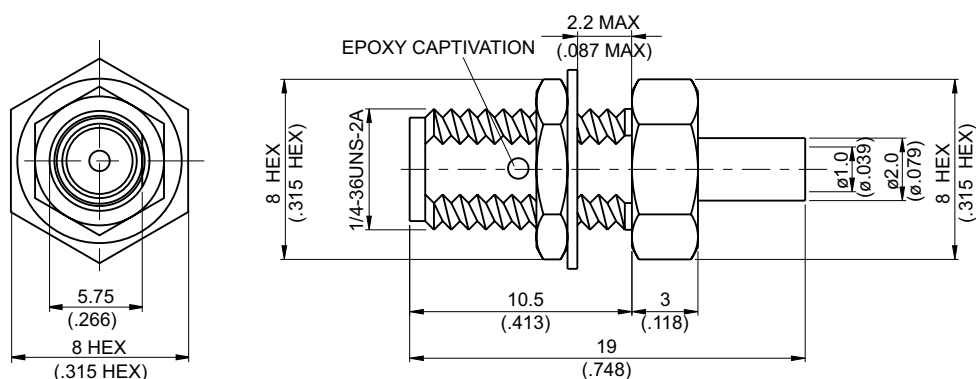


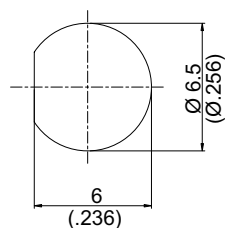
SMA8300L-0034

SMA Jack Solder Bulkhead
For .034 semi-rigid, 18GHz VSWR 1.2

50Ω



MOUNTING HOLE :



Parts	Material	Plating (Micro-inch)
Hex Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Lock Washer	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	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Suitable Cables: Semi-rigid.034

This part number complies with RoHS.

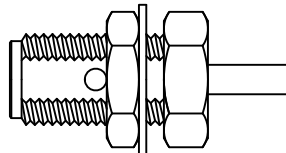
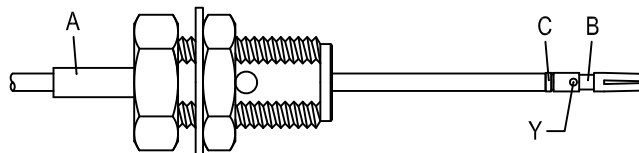
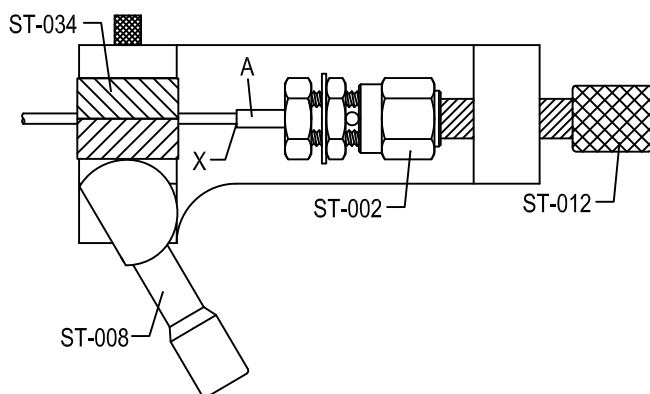
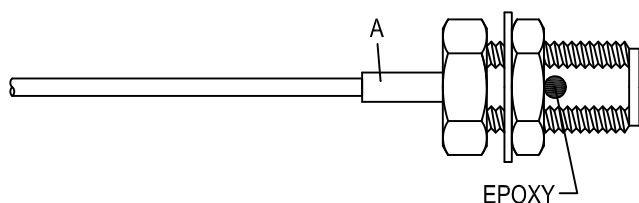
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA8300L-0034
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	≤ 0.04 x √f(GHz) dB
Insulation resistance	≥ 5000MΩ
Contact resistance inner conductor	≤ 3mΩ
Contact resistance outer conductor	≤ 2mΩ
Dielectric withstanding voltage (at sea level)	1000 V rms
Working voltage (at sea level)	335 V rms
Mechanical Data	
Recommended coupling nut torque	4 inch lbs
Coupling proof torque	5.3 inch 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	
Locator tool	ST-002, ST-012
Soldering fixture	ST-008
Insert for .034 semi-rigid cable	ST-034

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

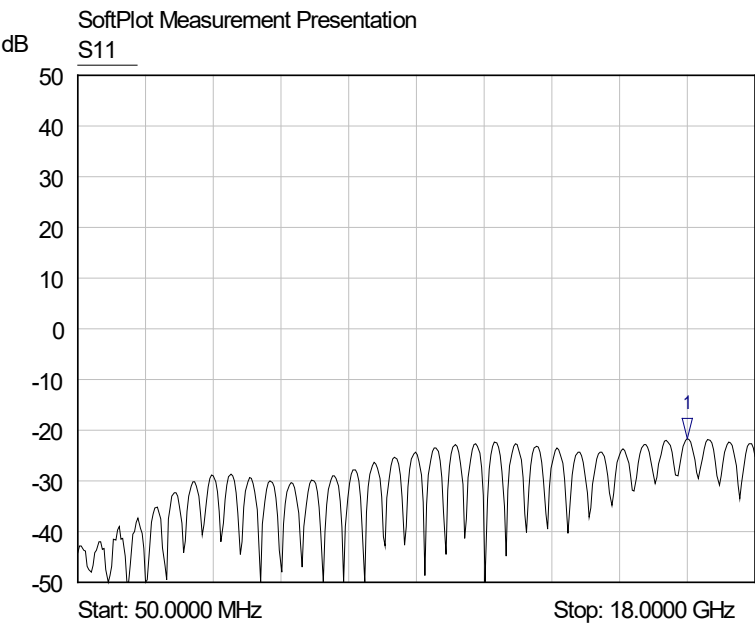
JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

SMA8300L-0034		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	

SMA8300L-0034

S11



1 S11
16.2000 GHz
-21.65 dB