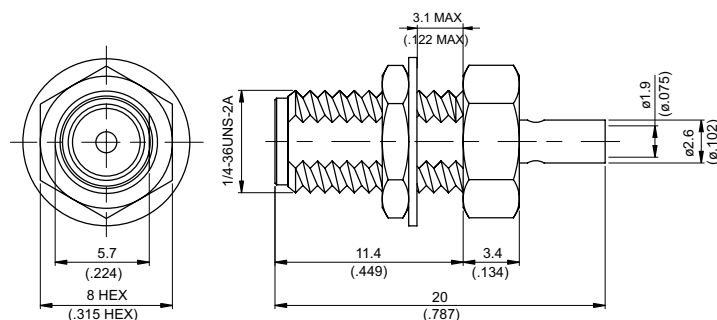


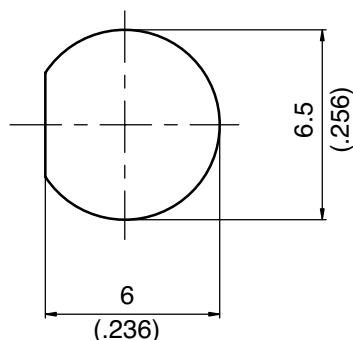
SMA9300LB-0178

SMA Reverse Polarity Jack Solder Bulkhead
For RG178,RG178-FEP; 4GHz 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	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Barrel	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 3.37 g

Suitable Cables: RG178,RG178-FEP

This part number complies with RoHS.

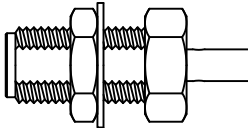
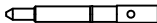
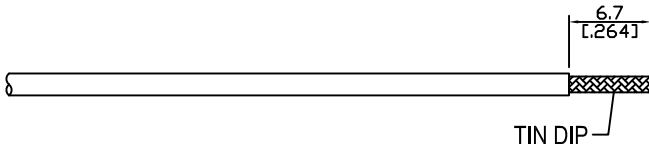
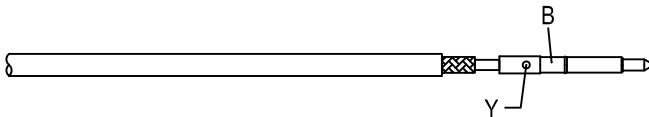
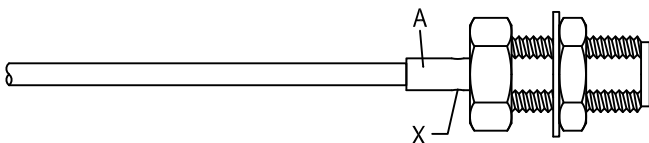
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA9300LB-0178														
Interface Per JYEBAO SMA Reverse Polarity derived from MIL-STD-348B															
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 4GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.2 (DC to 4GHz)</td></tr> <tr> <td>Insertion loss</td><td>≤ 0.04 x √f(GHz) dB</td></tr> <tr> <td>Insulation resistance</td><td>≥ 5000MΩ</td></tr> <tr> <td>Contact resistance inner conductor</td><td>≤ 3mΩ</td></tr> <tr> <td>Contact resistance outer conductor</td><td>≤ 2mΩ</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 4GHz	VSWR	≤ 1.2 (DC to 4GHz)	Insertion loss	≤ 0.04 x √f(GHz) dB	Insulation resistance	≥ 5000MΩ	Contact resistance inner conductor	≤ 3mΩ	Contact resistance outer conductor	≤ 2mΩ
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Tooling															

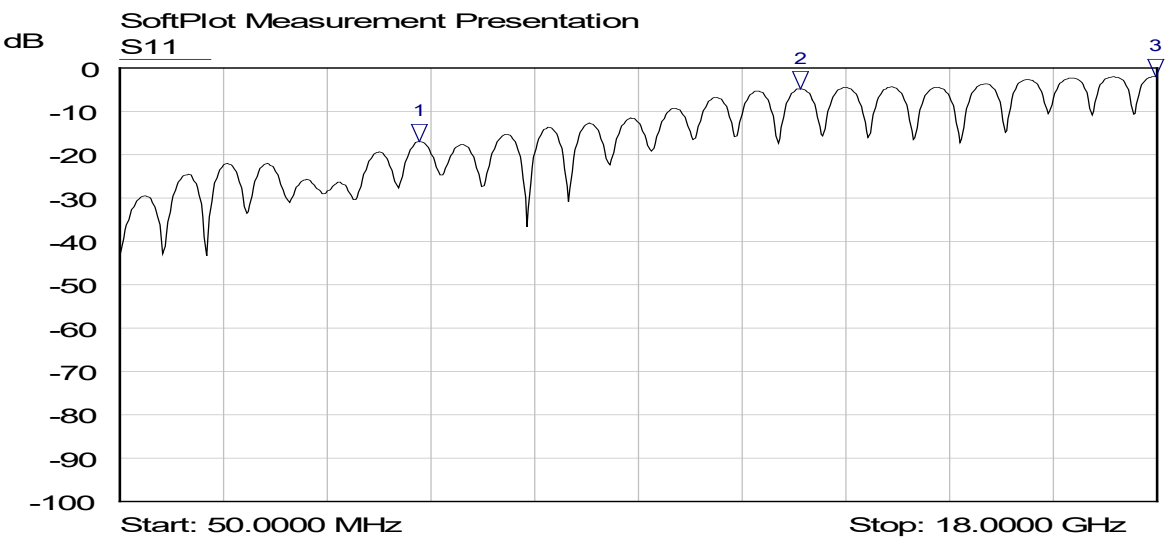
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMA9300LB-0178		DATE	2019/07/12	REV	—
A  BODY + WASHER + HEX NUT			B  CONTACT PIN		
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN. Step 2: TIN DIP.		
			Step 3: STRIP AS SHOWN.		
			Step 4: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".		
			Step 5: INSERT PREPARED CABLE INTO CONNECTOR BODY " A " AND SOLDER IN " X ".		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMA9300LB-0178



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S11	5.2362 GHz	-16.99 dB	
2 ▽	S11	11.8313 GHz	-4.76 dB	
3 ▽	S11	17.9767 GHz	-1.96 dB	