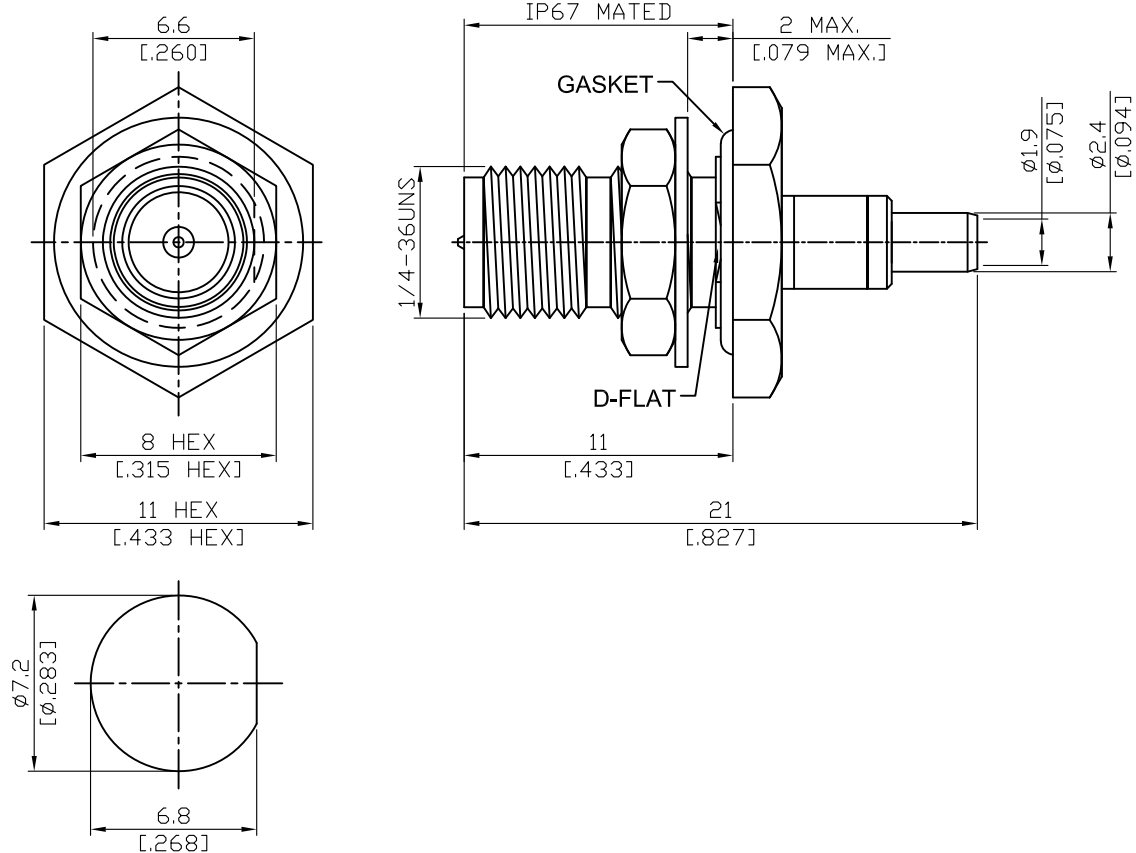


SMA9305-0178

SMA Reverse Polarity Jack Crimp Bulkhead,
IP67 Mated, For RG178,RG178-FEP; 6GHz VSWR 1.2 50Ω



MOUNTING HOLE

Parts	Material	Plating (Micro-inch)
Ferrule	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
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
Gasket	Silicone	
Contact Pin	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

Suitable Cables: RG178, RG178-FEP

This part number complies with RoHS.

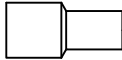
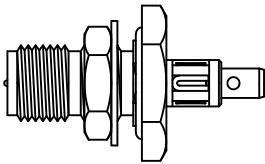
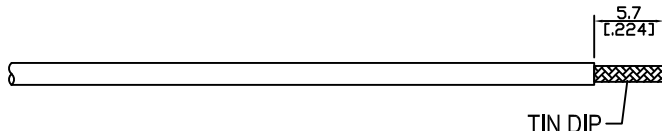
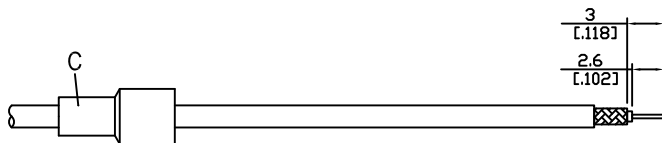
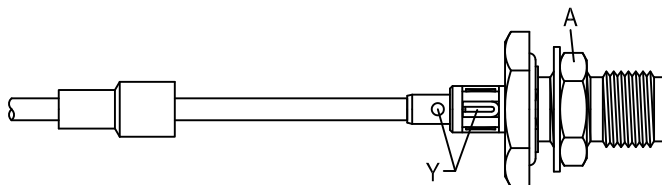
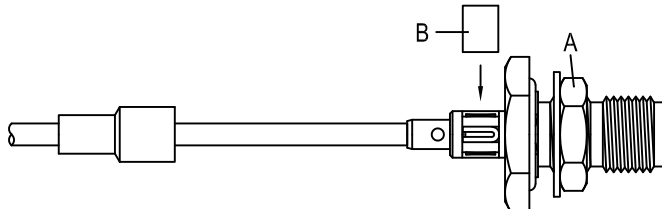
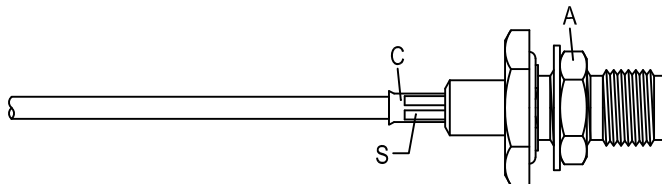
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA9305-0178														
Interface Per JYEBAO SMA Reverse Polarity Jack derived from MIL-STD-348B															
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 6GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.2 (DC to 6GHz)</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 6GHz	VSWR	≤ 1.2 (DC to 6GHz)	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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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMA9305-0178		DATE	2016/01/15	REV	—
A B C  BODY + GASKET + WASHER + HEX NUTCOVERFERRULE					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN. Step 2: TIN DIP.		
			Step 3: SLIDE FERRULE "C" OVER CABLE . Step 4: STRIP AS SHOWN.		
			Step 5: INSERT CABLE'S CENTER CONDUCTOR INTO CONNECTOR BODY "A" AND SOLDER IN "Y".		
			Step 6: PUT COVER "B" ON BODY "A".		
			Step 7: SLIDE FERRULE "C" TOWARDS THE CONNECTOR "A" AND CRIMP IN "S". (USE 2.7mm/0.106inch HEX SECTION OF INSERT-A)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMA9305-0178

S11

