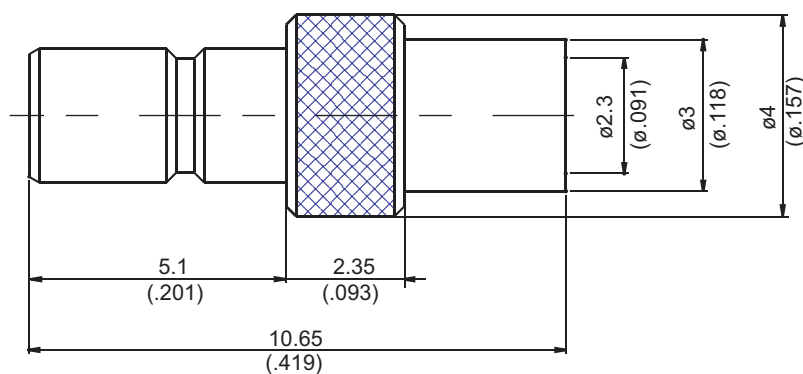


SSMB8100-0178

SSMB jack crimp for RG178,RG178-FEP;
1.4GHz VSWR 1.25

50Ω



Parts	Material	Plating(Micro-inch)
Ferrule	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
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

Weight: 0.41 g

Suitable Cables: RG178, RG196, RG178-FEP

This Part number complies with RoHS.

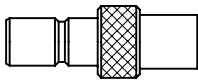
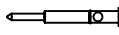
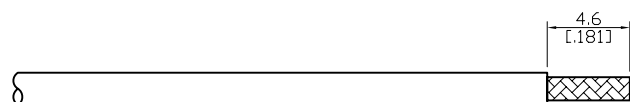
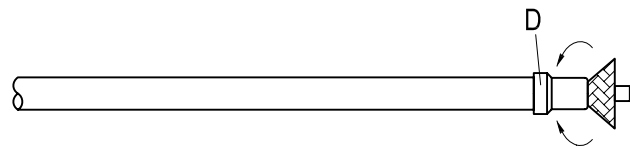
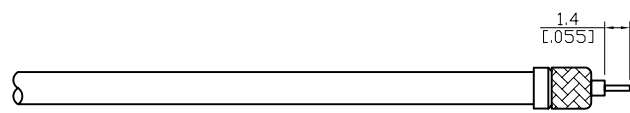
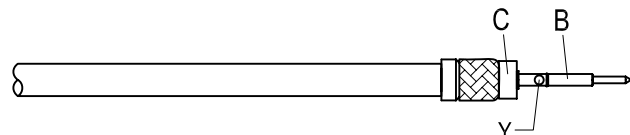
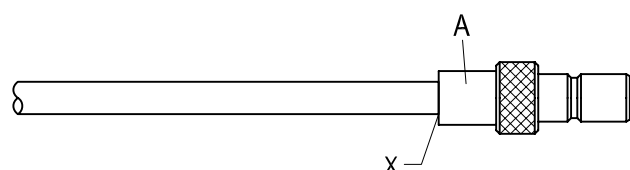
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SSMB	SSMB8100-0178																				
Interface MIL-STD-348B																					
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 1.4GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.25 (DC to 1.4GHz)</td></tr> <tr> <td>Insertion loss</td><td>≤ 0.1dB (DC to 1GHz)</td></tr> <tr> <td>Insulation resistance</td><td>≥ 5000MΩ</td></tr> <tr> <td>Contact resistance inner conductor</td><td>≤ 5mΩ</td></tr> <tr> <td>Contact resistance outer conductor</td><td>≤ 2.5mΩ</td></tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td><td>500 V rms</td></tr> <tr> <td>Working Voltage (at sea level)</td><td>275 V rms</td></tr> <tr> <td>RF- leakage</td><td>≥ 40dB to 1GHz</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 1.4GHz	VSWR	≤ 1.25 (DC to 1.4GHz)	Insertion loss	≤ 0.1dB (DC to 1GHz)	Insulation resistance	≥ 5000MΩ	Contact resistance inner conductor	≤ 5mΩ	Contact resistance outer conductor	≤ 2.5mΩ	Dielectric withstanding voltage (at sea level)	500 V rms	Working Voltage (at sea level)	275 V rms	RF- leakage	≥ 40dB to 1GHz
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SSMB8100-0178		DATE	2017/03/27	REV	—
A		B	C	D	
					
BODY		CONTACT PIN		INSULATOR	
					
				FERRULE	
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE " D " OVER CABLE. Step 3: WRAP THE BRAIDING OVER " D ".		
			Step 4: STRIP AS SHOWN.		
			Step 5: PUT INSULATOR " C " AND CONTACT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".		
			Step 6: PUT PREPARED CABLE INTO CONNECTOR BODY " A " AND CRIMP IN " X ". (USE 2.55mm/0.100inch 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	

SSMB8100-0178

S11

