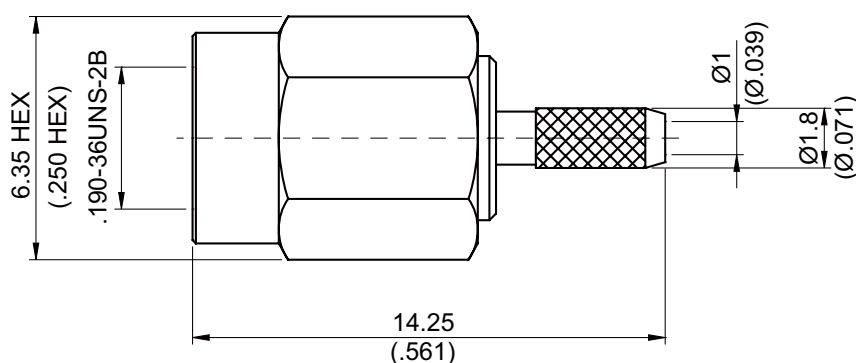


SSMA3100-0178

SSMA Plug Crimp For RG178, RG178-FEP
2GHz VSWR1.25

50Ω



Parts	Material	Plating (Micro-inch)
Insulator	Teflon	
Ferrule	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicon	
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Coupling Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight:

Suitable Cables: RG178, RG178-FEP, RG196

This part number complies with RoHS.

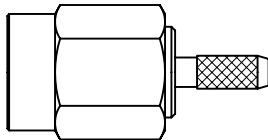
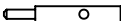
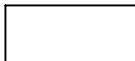
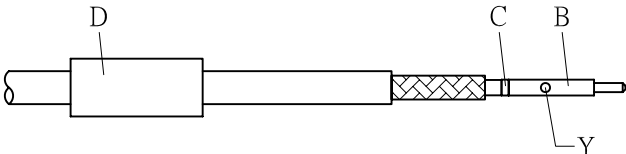
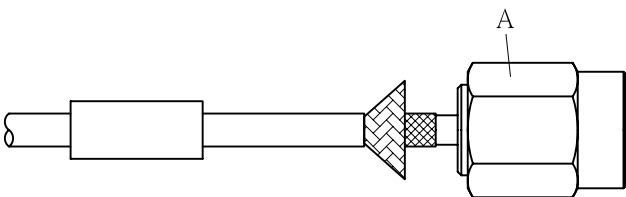
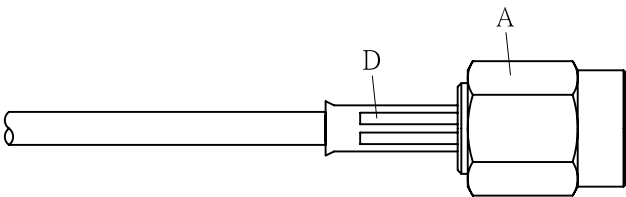
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SSMA	SSMA3100-0178																		
Interface MIL-STD-348B																			
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 2GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.25 (DC to 2GHz);</td></tr> <tr> <td>Insertion loss</td><td>$\leq 0.06 \times \sqrt{f(\text{GHz})}$ dB</td></tr> <tr> <td>Insulation resistance</td><td>$\geq 5000\text{M}\Omega$</td></tr> <tr> <td>Contact resistance inner conductor</td><td>$\leq 4\text{m}\Omega$</td></tr> <tr> <td>Contact resistance outer conductor</td><td>$\leq 2.5\text{m}\Omega$</td></tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td><td>750 V rms</td></tr> <tr> <td>Working Voltage (at sea level)</td><td>250 V rms</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 2GHz	VSWR	≤ 1.25 (DC to 2GHz);	Insertion loss	$\leq 0.06 \times \sqrt{f(\text{GHz})}$ dB	Insulation resistance	$\geq 5000\text{M}\Omega$	Contact resistance inner conductor	$\leq 4\text{m}\Omega$	Contact resistance outer conductor	$\leq 2.5\text{m}\Omega$	Dielectric withstanding voltage (at sea level)	750 V rms	Working Voltage (at sea level)	250 V rms
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SSMA3100-0178		DATE	2015/09/14	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: PUT INSULATOR " C " AND PIN " B " ON CENTER CONDUCTOR AND SOLDER OR CRIMP IN " Y ". (USE SQUARE 0.7mm/0.028inch SECTION OF INSERT-A IF CRIMPED)		
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.		
			Step 5: SLIDE FERRULE " D " TOWARDS THE CONNECTOR " A " AND CRIMP. (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	

SSMA3100-0178

