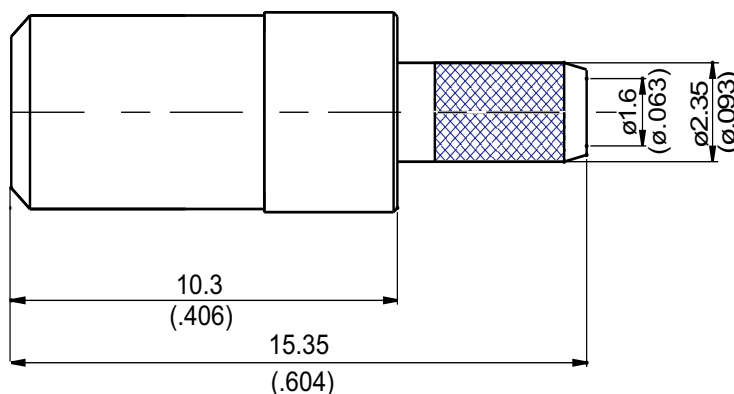


SSMB3100-0316

SSMB plug crimp for RG174,RG188,RG316;
1.3GHz VSWR 1.25

50Ω



Parts	Material	Plating(Micro-inch)
Ferrule	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Coupling Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Renber Ring	Beryllium Copper	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

Weight: 1.52 g

Suitable Cables: RG174, RG188, RG316, RG316-FEP

This Part number complies with RoHS.

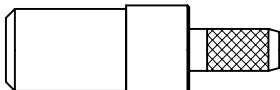
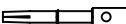
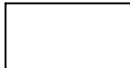
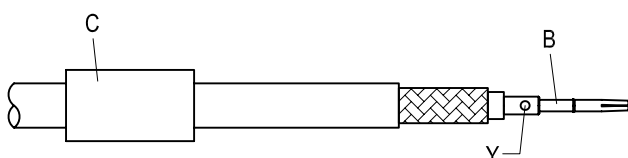
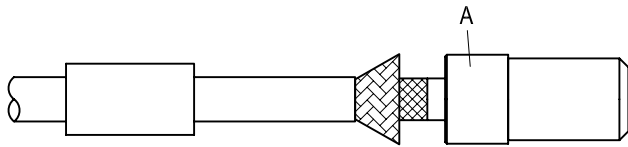
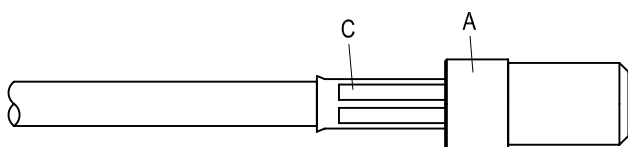
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SSMB	SSMB3100-0316																				
Interface MIL-STD-348B																					
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 1.3GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.25 (DC to 1.3GHz)</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 1.3GHz	VSWR	≤ 1.25 (DC to 1.3GHz)	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

SSMB3100-0316		DATE	2017/03/27	REV	—
A		B		C	
					
BODY		CONTACT PIN		FERRULE	
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".		
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.		
			Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 3.3mm/0.130inch 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	

SSM3100-0316

S11

