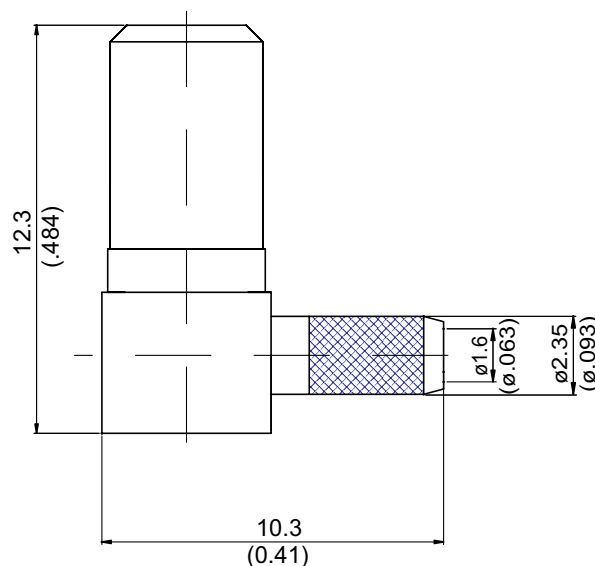


SSMB3100-9316

SSMB Plug Crimp Right Angle
For RG174, RG188, RG316; 4GHz VSWR 1.25

50Ω



Parts	Material	Plating(Micro-inch)
Ferrule	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Cover	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: 1.82 g

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

This Part number complies with RoHS.

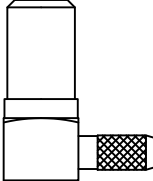
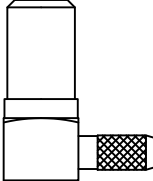
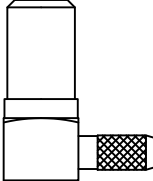
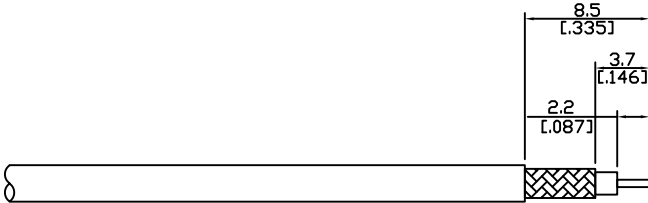
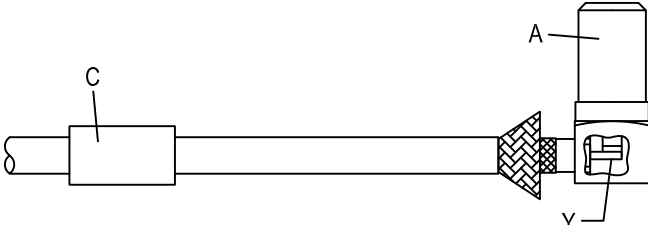
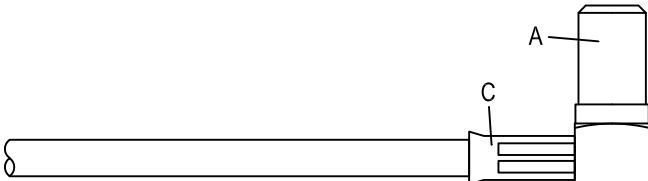
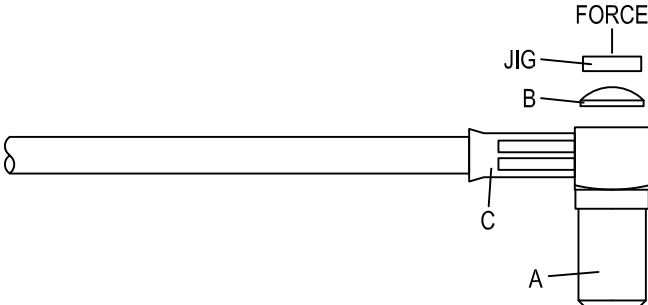
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SSMB	SSMB3100-9316																				
Interface 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>≤ 1.25 (DC to 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 4GHz	VSWR	≤ 1.25 (DC to 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

SSMB3100-9316		DATE	2017/04/18	REV	—									
<table><tr><td>A</td><td>B</td><td>C</td></tr><tr><td></td><td></td><td></td></tr><tr><td>BODY</td><td>COVER</td><td>FERRULE</td></tr></table>						A	B	C				BODY	COVER	FERRULE
A	B	C												
														
BODY	COVER	FERRULE												
DIAGRAM			ASSEMBLY INSTRUCTION											
			Step 1: STRIP AS SHOWN.											
			Step 2: SLIDE FERRULE " C " OVER CABLE. Step 3: WRAP THE BRAIDING UPWARDS. Step 4: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR " A " AND SOLDER IN " Y ".											
			Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 3.3mm/0.130inch HEX SECTION OF INSERT-A)											
			Step 6: PRESS ON THE TOP OF " B " WITH JIGS.											
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.														
APPROVED		CHECKED		DRAWING										
				Albert										

SSMB3100-9316

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