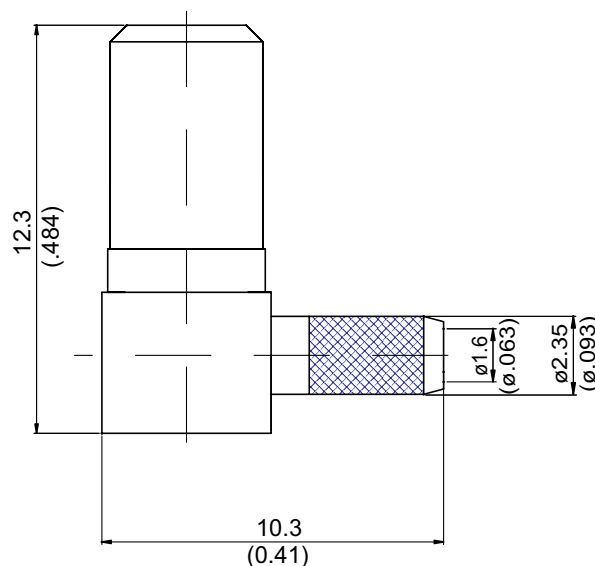


SSMB3100D-9316

SSMB Plug Crimp Right Angle
For RD316, RD316-FEP ; 4GHz VSWR 1.2

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: RD316, RD316-FEP

This Part number complies with RoHS.

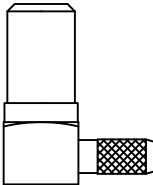
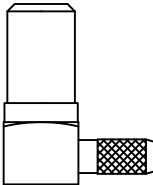
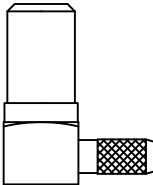
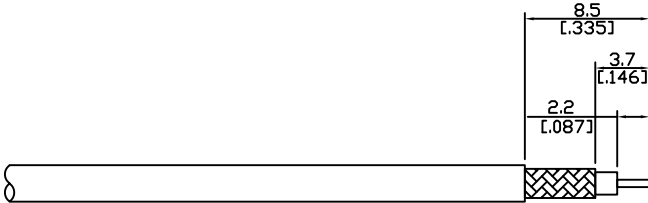
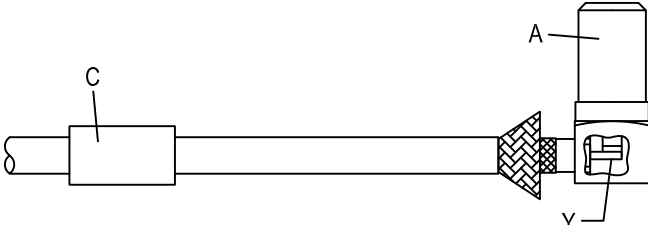
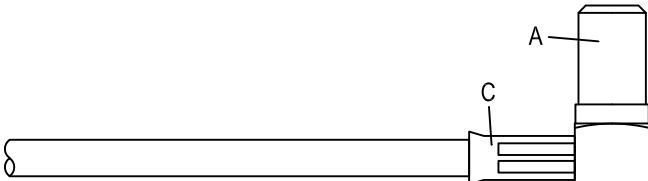
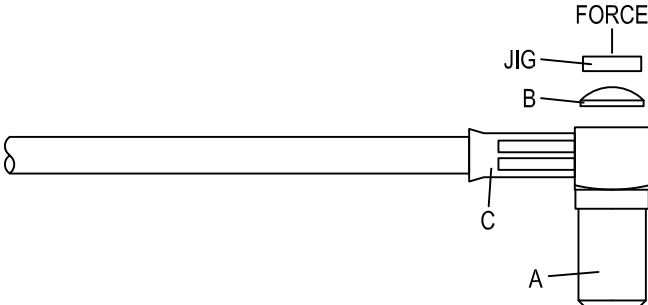
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SSMB	SSMB3100D-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>≤ 1.2 (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	≤ 1.2 (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
Impedance	50Ω																				
Frequency range	DC to 4GHz																				
VSWR	≤ 1.2 (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																				
Mechanical Data <table> <tr> <td>Engagement force</td><td>1.8 to 6.1 lbs</td></tr> <tr> <td>Disengagement force</td><td>1.8 to 6.1 lbs</td></tr> <tr> <td>Contact captivation-axial</td><td>≥ 1.8 lbs</td></tr> <tr> <td>Durability (mating)</td><td>≥ 500</td></tr> </table>		Engagement force	1.8 to 6.1 lbs	Disengagement force	1.8 to 6.1 lbs	Contact captivation-axial	≥ 1.8 lbs	Durability (mating)	≥ 500												
Engagement force	1.8 to 6.1 lbs																				
Disengagement force	1.8 to 6.1 lbs																				
Contact captivation-axial	≥ 1.8 lbs																				
Durability (mating)	≥ 500																				
Environmental Data <table> <tr> <td>Temperature range</td><td>-65°C to +165°C</td></tr> <tr> <td>Thermal shock</td><td>MIL-STD-202, Method 107, Condition A</td></tr> <tr> <td>Moisture resistance</td><td>MIL-STD-202, Method 106</td></tr> <tr> <td>Corrosion</td><td>MIL-STD-202, Method 101, Condition B</td></tr> <tr> <td>RoHS</td><td>Compliant</td></tr> </table>		Temperature range	-65°C to +165°C	Thermal shock	MIL-STD-202, Method 107, Condition A	Moisture resistance	MIL-STD-202, Method 106	Corrosion	MIL-STD-202, Method 101, Condition B	RoHS	Compliant										
Temperature range	-65°C to +165°C																				
Thermal shock	MIL-STD-202, Method 107, Condition A																				
Moisture resistance	MIL-STD-202, Method 106																				
Corrosion	MIL-STD-202, Method 101, Condition B																				
RoHS	Compliant																				
Tooling <table> <tr> <td>Crimping tool</td><td>CRT-1 or CRT-2</td></tr> <tr> <td>Crimp insert</td><td>INSERT-A</td></tr> </table>		Crimping tool	CRT-1 or CRT-2	Crimp insert	INSERT-A																
Crimping tool	CRT-1 or CRT-2																				
Crimp insert	INSERT-A																				

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SSMB3100D-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										

SSMB3100D-9316

