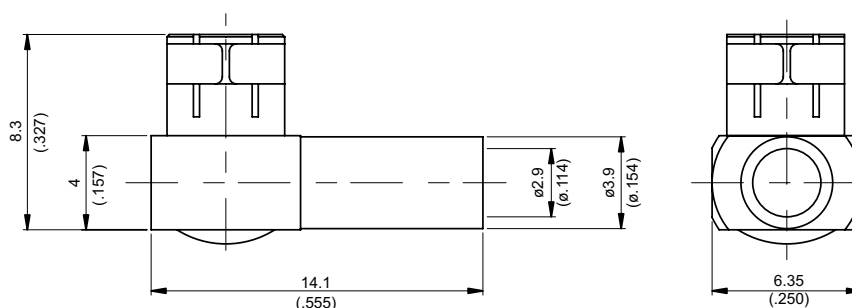


SMB3100G-9316

SMB Plug Solder Right Angle
For RG174,RG188,RG316; 3GHz VSWR 1.25 50Ω



Parts	Material	Plating (Micro-inch)
Cover	Brass	Nickel 100 Over Copper 50
Insulator	Teflon	
Plug	Beryllium Copper	Nickel 100 Over Copper 50
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Brass	Nickel 100 Over Copper 50

Weight: 2.33 g

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

This part number complies with RoHS.

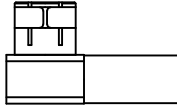
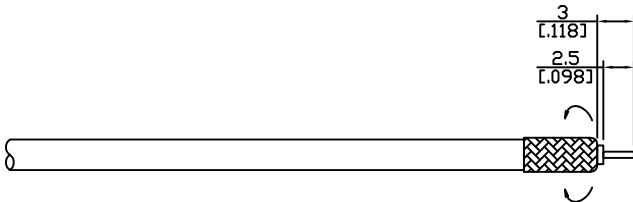
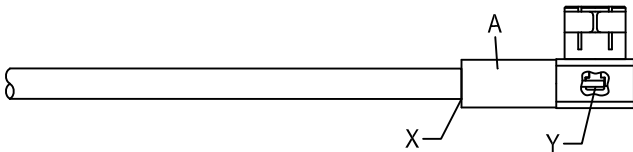
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMB	SMB3100G-9316
Interface MIL-STD-348B Mechanically compatible with SMS	
Electrical Data Impedance 50Ω Frequency range DC to 3GHz VSWR ≤ 1.25 (DC to 3GHz) Insertion loss $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 10000\text{M}\Omega$ Contact resistance inner conductor $\leq 5\text{m}\Omega$ Contact resistance outer conductor $\leq 2.5\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 1000V rms Working Voltage (at sea level) 335V rms	
Mechanical Data Disengagement force 1.8 to 14.2 lbs Engagement force 1.8 to 14.2 lbs Contact captivation-axial ≥ 4 lbs Durability (mating) ≥ 500	
Environmental Data Temperature range -65°C to +165°C Thermal shock MIL-STD-202, Method 107, Condition B Moisture resistance MIL-STD-202, Method 106 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant	
Tooling	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMB3100G-9316		DATE	2016/08/22	REV	—
A B C    BODYINSULATORCOVER					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP JACKET.		
			Step 2: MOVE BRAIDING BACK WARDS. Step 3: STRIP INSULATOR.		
			Step 4: SLIDE CENTER CONDUCTOR ON THE CONTACT PIN OF CONNECTOR " A " AND SOLDER IN " Y ". Step 5: SOLDER IN " X ".		
			Step 6: PRESS ON THE TOP OF " B " AND " C " WITH JIGS.		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMB3100G-9316

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