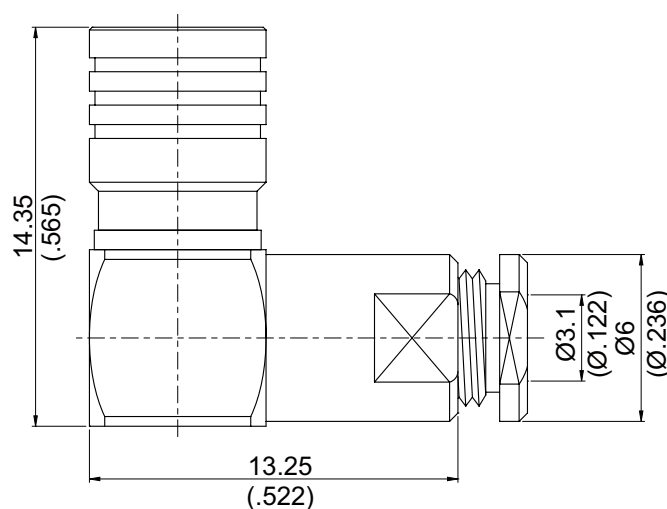


SMB3200D-9316

SMB Plug Clamp Right Angle
For RD316,RD316-FEP; 4GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)
Cover	Brass	Gold 4 Over Nickel Phosphorus Alloy 80 Over Copper 20
Nut	Brass	Gold 4 Over Nickel Phosphorus Alloy 80 Over Copper 20
Washer	Brass	Gold 4 Over Nickel Phosphorus Alloy 80 Over Copper 20
Gasket	Silicon	
Top Hat	Brass	Gold 4 Over Nickel Phosphorus Alloy 80 Over Copper 20
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
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

Suitable Cables:RD316,RD316-FEP

This part number complies with RoHS.

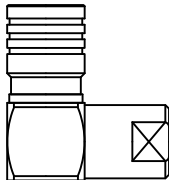
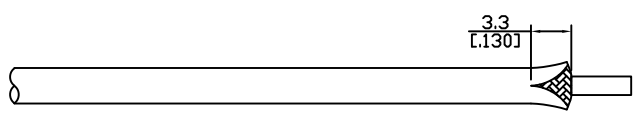
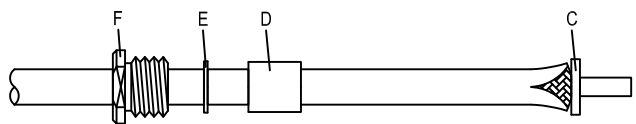
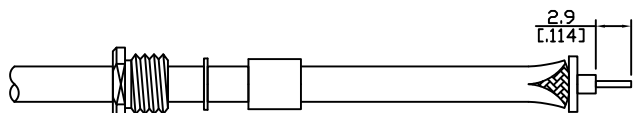
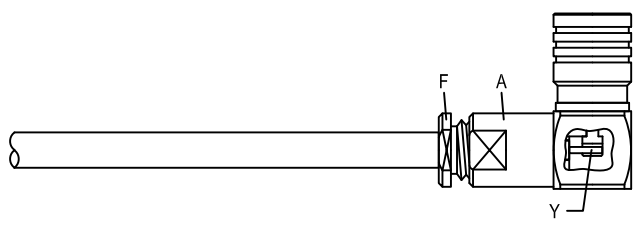
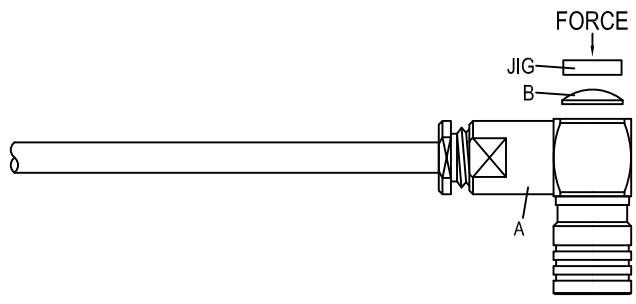
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMB	SMB3200D-9316
Interface MIL-STD-348B Mechanically compatible with SMS	
Electrical Data Impedance 50Ω Frequency range DC to 4GHz VSWR ≤ 1.2 (DC to 4GHz) 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) 1000 V rms Working Voltage (at sea level) 335 V 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

SMB3200D-9316		DATE	2016/08/22	REV	—
A	B	C	D	E	F
					
BODY	COVER	TOP HAT	GASKET	WASHER	NUT
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: MAKE A 3.3MM LONG CUT IN THE JACKET WITHOUT DAMAGING THE BRAIDING.			
		Step 3: SLIDE NUT " F " 、 WASHER " E " AND GASKET " D " OVER CABLE . Step 4: LOOSEN BRAIDING AND SLIDE TOP HAT " C " BETWEEN DIELECTRIC AND BRAIDING.			
		Step 5: STRIP AS SHOWN.			
		Step 6: SCREW NUT " F " ON THE CONNECTOR BODY " A " AND SOLDER IN " Y ".			
		Step 7: 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	

SMB3200D-9316

S11

