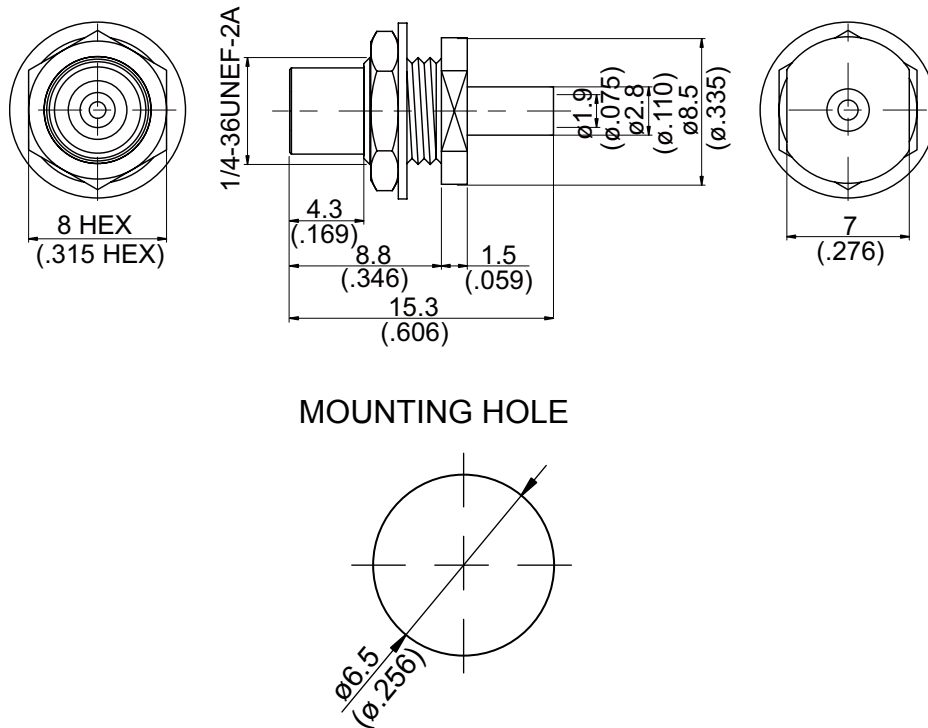


SMS3305-0178

SMS Plug Solder Bulkhead
For RG178,RG178-FEP; 1.8GHz VSWR 1.2 **50Ω**



MOUNTING HOLE

Parts	Material	Plating(Micro-inch)
Hex Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Lock Washer	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	

Weight: 2.76 g

Suitable Cables: RG178,RG178-FEP

This part number complies with RoHS.

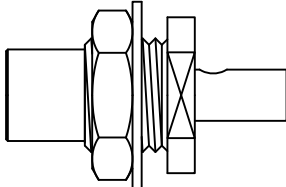
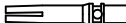
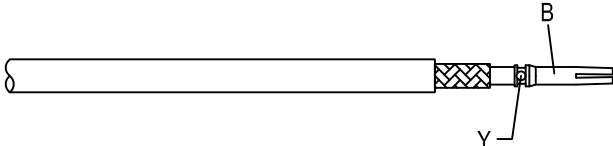
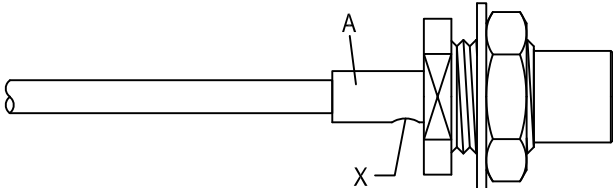
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMS	SMS3305-0178
Interface Mechanically compatible with SMB	
Electrical Data Impedance 50Ω Frequency range DC to 1.8GHz VSWR ≤ 1.2 (DC to 1.8GHz) 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) 750 V rms Working Voltage (at sea level) 250 V rms	
Mechanical Data Engagement force typ 1.8 lbs Disengagement force typ 1.1 lbs Contact captivation-axial ≥ 2.25 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 Contact 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

SMS3305-0178		DATE	2017/03/27	REV	—
A  BODY			B  CONTACT PIN		
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN. Step 2: TIN DIP BRAID.		
			Step 3: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".		
			Step 3: PUT PREPARED CABLE INTO CONNECTOR " A " AND SOLDER IN " X ".		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMS3305-0178

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