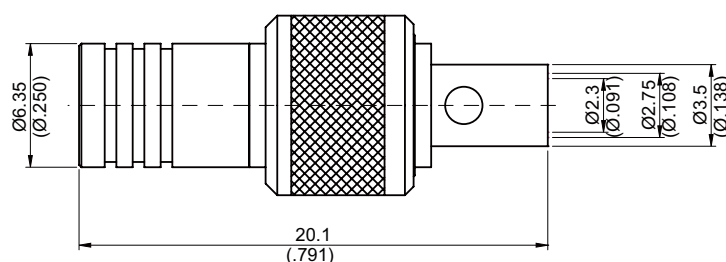


SMB3375-0085J

SMB Plug Solder For 75ohm .085 semi-rigid; 75Ω
2GHz VSWR 1.25



NOTE: 75Ω Mini SMB interface

Parts	Material	Plating (Micro-inch)
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	
Barrel	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 2.99 g

Suitable Cables: 75Ω .085 Semi-rigid

This part number complies with RoHS.

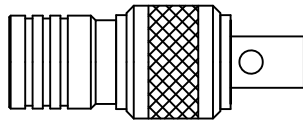
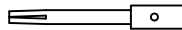
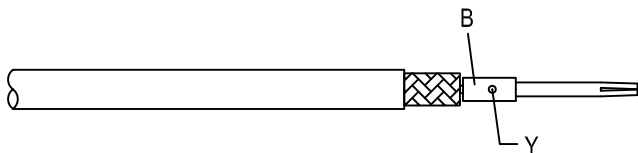
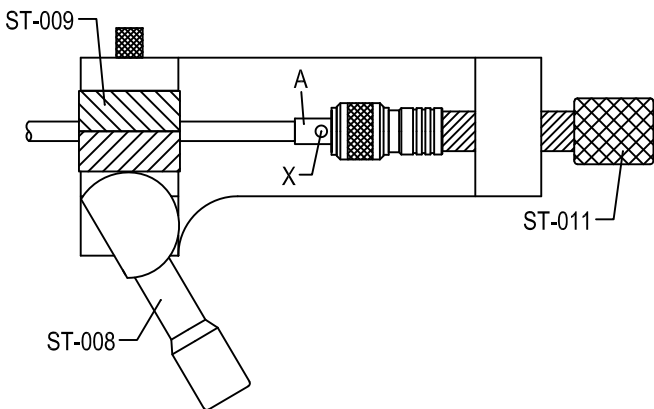
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMB	SMB3375-0085J
Electrical Data Impedance 75Ω Frequency range DC to 2GHz VSWR ≤ 1.25 (DC to 2GHz) 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 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 Soldering fixture ST-008 Insert for .085 semi-rigid cable ST-009 Locator tool ST-011	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMB3375-0085J		DATE	2017/07/06	REV	—
A		B			
					
BODY		CONTACT PIN			
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".			
		Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

SMB3375-0085J

S11

