

SMA0403-9L100	Terminal PCB Mount Crimp Right Angle For JBY100; LMR100	50Ω
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The technical drawing includes three views of the SMA0403-9L100 connector:

- Front View:** Shows a square body with a central circular contact area. Dimensions include a total width of 6.1 mm [0.240], a contact diameter of 4.06 mm [0.160], and a body thickness of 6.1 mm [0.240].
- Side View:** Shows the profile of the connector with a central pin. Dimensions include a total height of 12.7 mm [0.500], a pin diameter of 0.97 mm [0.038], and a barrel length of 14.2 mm [0.559].
- MOUNTING HOLE View:** A top-down view of the four mounting holes arranged in a square pattern. The distance between centers is 5.08 mm [0.200]. Individual hole diameters are specified as 1.5x4 [0.059x4] and 1.1 [0.043].

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
Part	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin	Brass	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

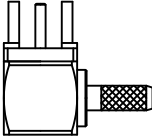
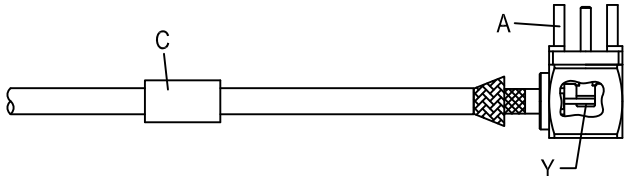
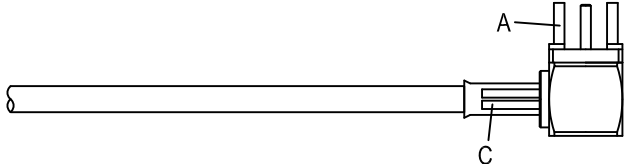
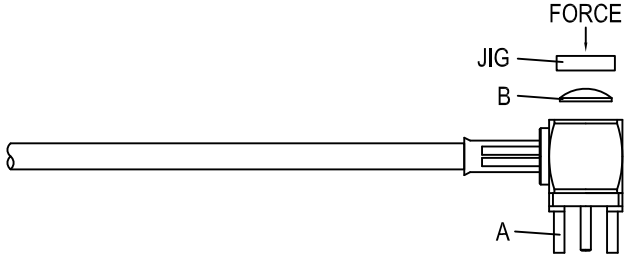
Weight: 3.74 g	
Suitable Cables: JBY100, LMR100	

This part number complies with RoHS.

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

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

SMA0403-9L100		DATE	2021/07/20	REV	—
A  BODY B  COVER C  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	