

SMC8105-L100

SMC jack crimp bulkhead
For JBY100,LMR100; 1.5GHz VSWR 1.2

50Ω

Technical drawing of the SMC8105-L100 jack crimp bulkhead. The drawing includes a top view and a side view with the following dimensions:

- Top View:**
 - Outer diameter: 4.35 (.171)
 - Inner diameter: 6 HEX (.236 HEX)
- Side View:**
 - Thread: NO.10-32UNF-2A
 - Top section length: 3.0 MAX. (.118 MAX.)
 - Ferrule diameter: $\phi 1.7$ ($\phi .067$)
 - Barrel diameter: $\phi 2.35$ ($\phi .093$)
 - Contact pin length: 11 (.433)
 - Lock washer thickness: 2 (.079)
 - Total length: 17.5 (.689)

MOUNTING HOLE

Technical drawing of the mounting hole. The drawing shows a circular hole with the following dimensions:

- Outer diameter: $\phi 4.9$ ($\phi .193$)
- Inner diameter: 4.5 (.177)

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

Weight: 1.68g

Suitable Cables:JBY100, LMR100

This part number complies with RoHS.

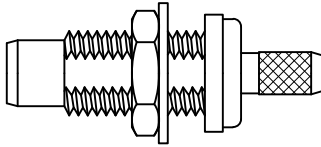
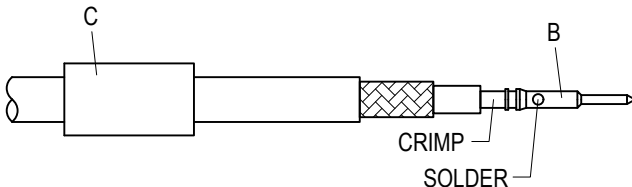
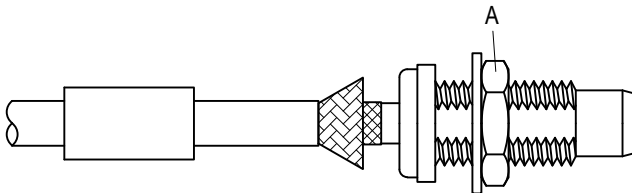
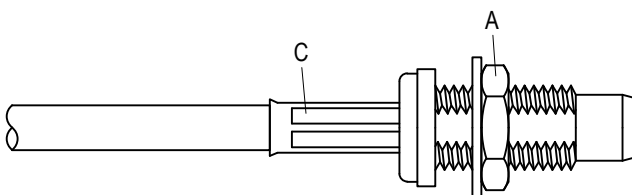
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMC	SMC8105-L100																				
Interface MIL-STD-348B																					
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JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

SMC8105-L100		DATE	2017/03/27	REV	—
A B C  BODY + WASHER + HEX NUT CONTACT PIN FERRULE					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE "C" OVER CABLE. Step 3: PUT PIN "B" ON CENTER CONDUCTOR AND SOLDER OR CRIMP. (USE SQUARE 0.70mm/0.028inch SECTION OF INSERT-A IF CRIMPED)		
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR "A" IN PLACE.		
			Step 5: SLIDE FERRULE "C" TOWARDS THE CONNECTOR "A" AND CRIMP. (USE 3.3mm/0.130inch HEX SECTION OF INSERT-A)		
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APPROVED		CHECKED		DRAWING	
				Albert	

SMC8105-L100

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