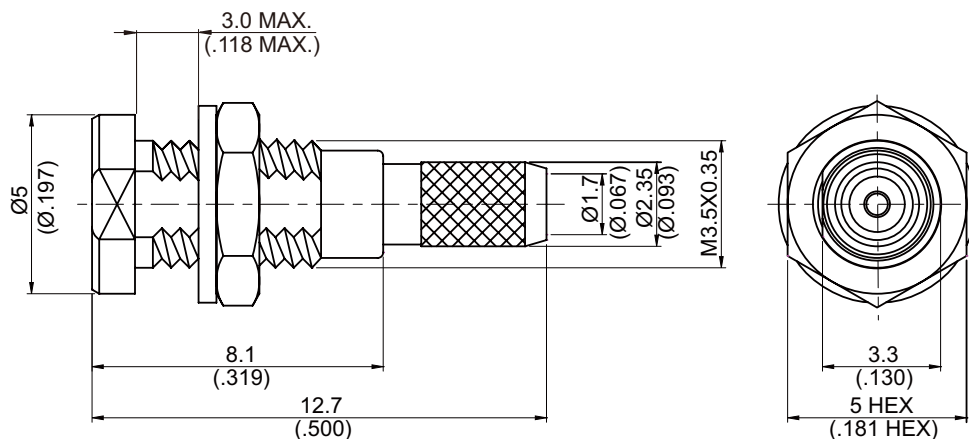


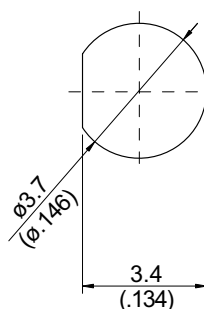
MMCX8105-L100

MMCX Jack Crimp Bulkhead
For JBY100, LMR100, 6GHz VSWR 1.3

50Ω



MOUNTING HOLE



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

Suitable Cables: JBY100, LMR100

This part number complies with RoHS.

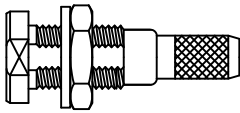
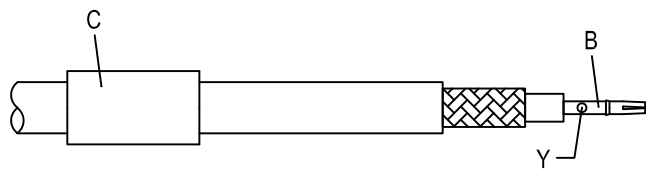
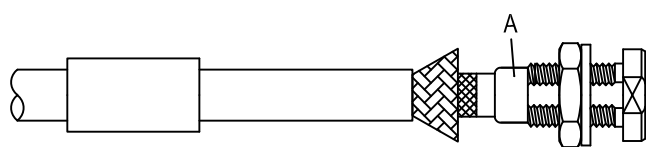
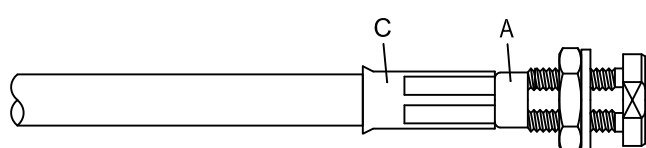
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

MMCX	MMCX8105-L100																		
Interface IEC 61169-52																			
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 6GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.3 (DC to 6GHz)</td></tr> <tr> <td>Insertion loss</td><td>≤ 0.05 x √f(GHz) dB</td></tr> <tr> <td>Insulation resistance</td><td>≥ 10000MΩ</td></tr> <tr> <td>Contact resistance inner conductor</td><td>≤ 5mΩ</td></tr> <tr> <td>Contact resistance outer conductor</td><td>≤ 2.5mΩ</td></tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td><td>500 V rms</td></tr> <tr> <td>Working Voltage (at sea level)</td><td>170 V rms</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 6GHz	VSWR	≤ 1.3 (DC to 6GHz)	Insertion loss	≤ 0.05 x √f(GHz) dB	Insulation resistance	≥ 10000MΩ	Contact resistance inner conductor	≤ 5mΩ	Contact resistance outer conductor	≤ 2.5mΩ	Dielectric withstanding voltage (at sea level)	500 V rms	Working Voltage (at sea level)	170 V rms
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JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

MMCX8105-L100		DATE	2020/06/10	REV	—
A  BODY + WASHER + HEX NUT B  CONTACT PIN C  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 IN " Y ". (USE SQUARE 0.54mm/0.021inch 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)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

MMCX8105-L100

S11

