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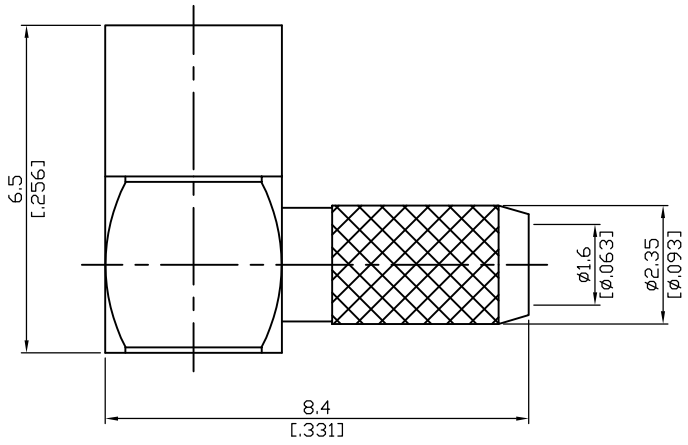
MMCX8100-9316	MMCX Jack Crimp Right Angle For RG174,RG188,RG316; 6GHz VSWR 1.2	50Ω



Parts	Material	Plating (Micro-inch)
Ferrule	Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Cover	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin	P.Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Suitable Cables: RG174,RG188,RG316

This part number complies with RoHS.

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MMCX	MMCX8100-9316
Interface	
IEC 61169-52	
Electrical Data	
Impedance	50Ω
Frequency range	DC to 6GHz
VSWR	≦1.2 (DC to 6GHz)
Insertion loss	≦0.05 x $\sqrt{f(GHz)}$ dB
Insulation resistance	≧10000MΩ
Contact resistance inner conductor	≦5mΩ
Contact resistance cuter conductor	≦2.5mΩ
Dielectric withstanding voltage (at sea level)	500 V rms
Working Voltage (at sea level)	170 V rms
Mechanical Data	
Engagement force	≦3.4 lbs
Disengagement force	1.4 to 3.4 lbs
Contact captivation-axial	≧2.3 lbs
Durability (mating)	≧500
Environmental Data	
Temperature range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition F
Moisture resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant
Tooling	
Crimping tool	CRT-1 or CRT-2
Crimp insert	INSERT-A

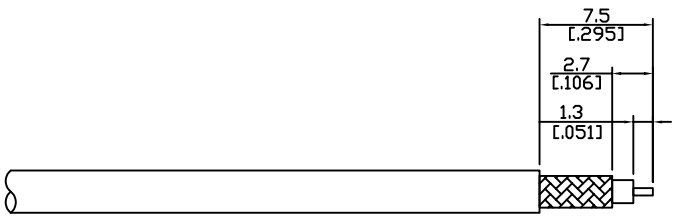
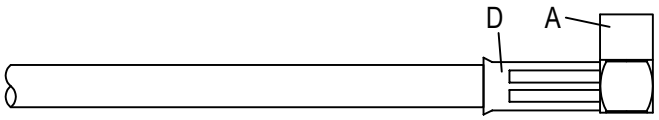
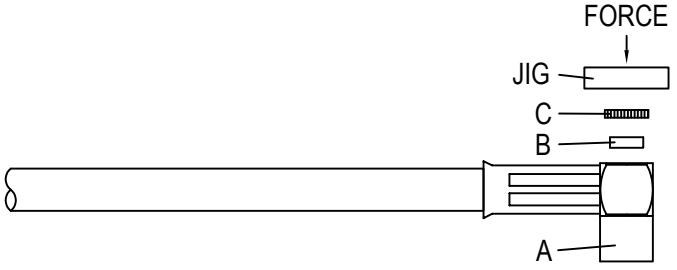
JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

MMCX8100-9316	DATE	2024/11/05	REV	—

A B C D

BODY INSULATOR COVER FERRULE

DIAGRAM	ASSEMBLY INSTRUCTION
	Step 1: STRIP AS SHOWN.
	Step 2: SLIDE FERRULE " D " 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 " D " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 3.3mm/0.130inch HEX SECTION OF INSERT-A)
	Step 6: PRESS ON THE TOP OF " C " AND " B " WITH JIGS.

This part number complies with RoHS.

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

APPROVED	CHECKED	DRAWING
		Albert

MMCX8100-9316