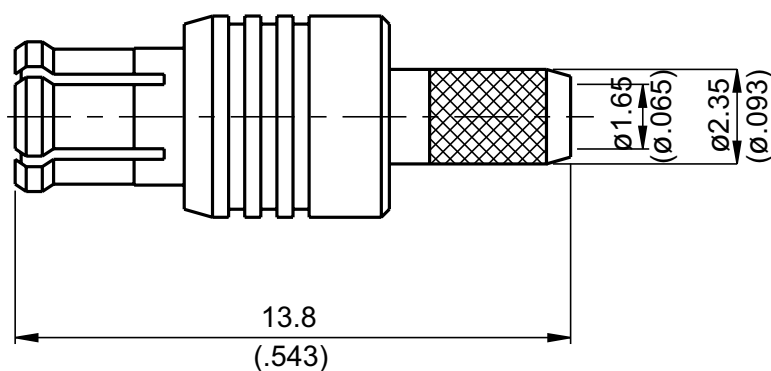


MCX3100-0179

MCX Plug Crimp
For RG179; 0.8GHz VSWR 1.2

75Ω



Parts	Material	Plating (Micro-inch)
Ferrule	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	
Body	Phosphor Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 1.04 g

Suitable Cables: RG179, RG179-FEP

This part number complies with RoHS.

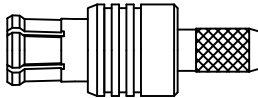
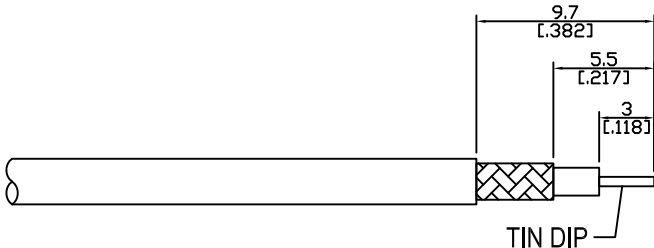
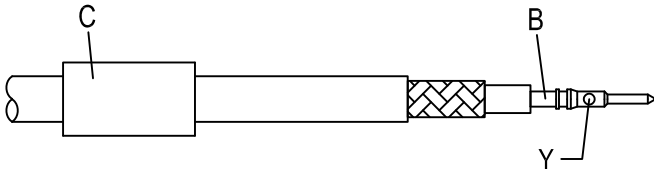
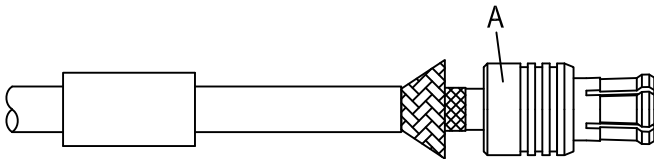
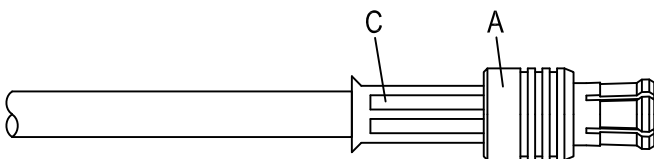
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

MCX	MCX3100-0179
Electrical Data Impedance 75Ω Frequency range DC to 0.8GHz VSWR ≤1.2 (DC to 0.8GHz) Insertion loss ≤0.1 dB (at 2GHz) Insulation resistance ≥10000MΩ Contact resistance inner conductor ≤5mΩ Contact resistance outer conductor ≤1mΩ Dielectric withstanding voltage (at sea level) 1000 V rms Working Voltage (at sea level) 335 V rms	
Mechanical Data Engagement force ≤5.6 lbs Disengagement force 1.8 to 4.5 lbs Contact captivation-axial ≥2.3 lbs Durability (mating) ≥500	
Environmental Data Temperature range -55°C to +155°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	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

MCX3100-0179		DATE	2020/04/02	REV	—
A		B		B	
					
BODY		CONTACT PIN		FERRULE	
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN. Step 2: TIN DIP.		
			Step 3: SLIDE FERRULE " C " OVER CABLE. Step 4: PUT CONTACT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".		
			Step 5: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.		
			Step 6: SLIDE FERRULE " B " 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	

MCX3100-0179

S11

