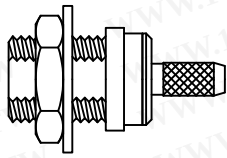
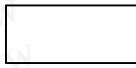
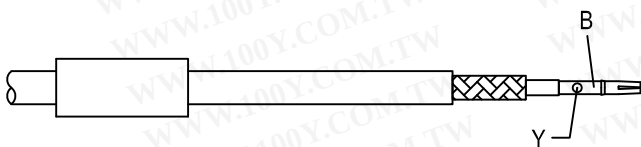
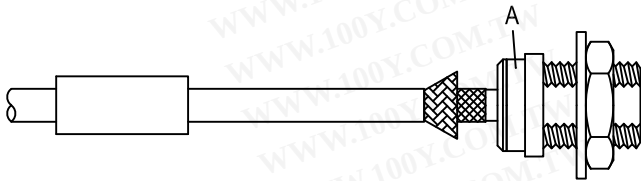
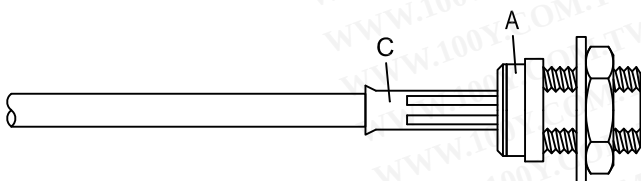


MMCX Jack Crimp Bulkhead **50Ω**
For RG178,RG178-FEP; 1.5GHz VSWR 1.2

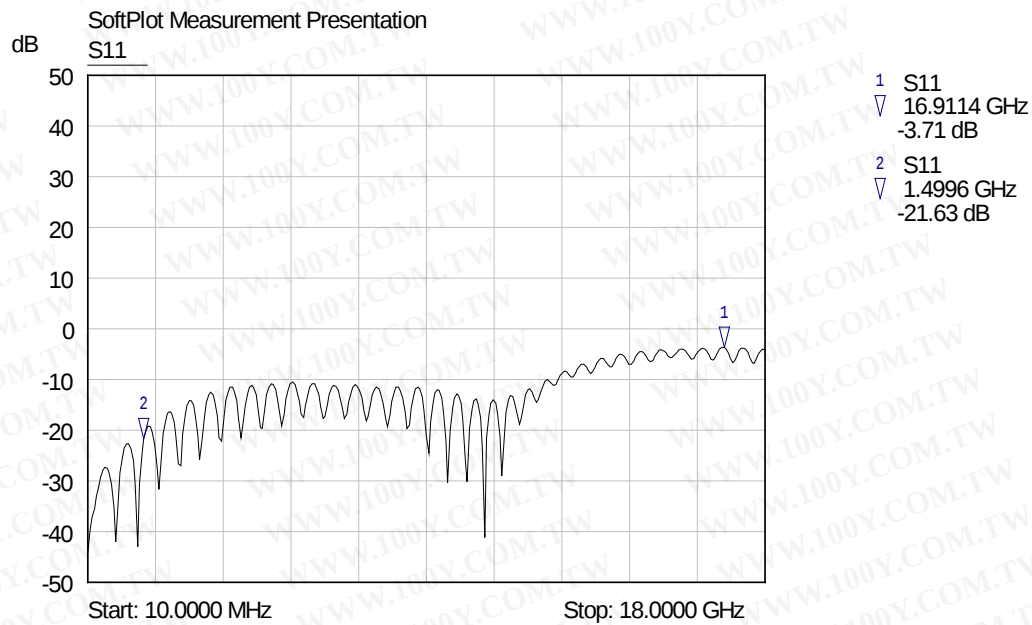
MMCX	MMCX8105-0178
Interface	
IEC 61169-52	
Electrical Data	
Impedance	50Ω
Frequency range	DC to 1.5GHz
VSWR	≤1.2 (DC to 1.5GHz)
Insertion loss	≤0.05 x $\sqrt{f(\text{GHz})}$ dB
Insulation resistance	≥10000MΩ
Contact resistance inner conductor	≤5mΩ
Contact resistance outer conductor	≤2.5mΩ
Dielectric withstanding voltage (at sea level)	500 V rms
Working Voltage (at sea level)	170 V rms
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

CABLE ASSEMBLY RECOMMENDATION

MMCX8105-0178		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 2.7mm/0.106inch 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	

MMCX8105-0178

S11



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