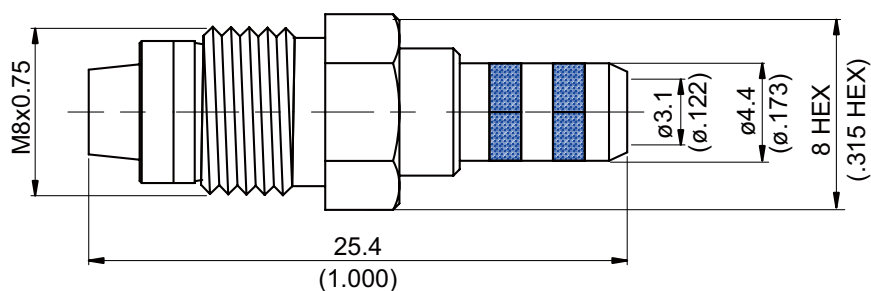


FME8100A-0223

FME Jack Crimp
For RG223; 0.7GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Hex Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Phosphor Bronze	Gold 4 Over Nickel Phosphorous Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: RG223

This part number complies with RoHS.

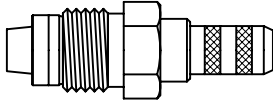
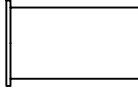
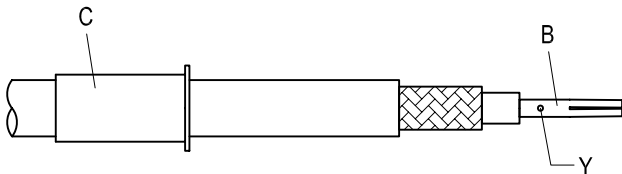
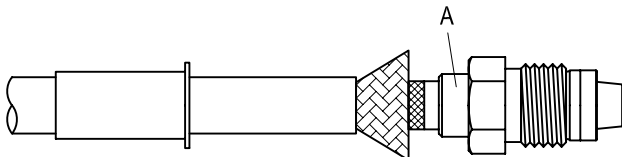
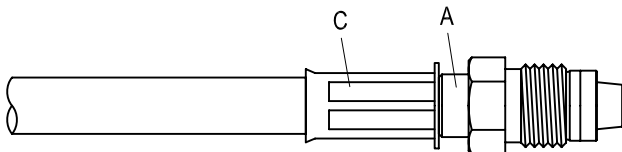
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

FME	FME8100A-0223
Electrical Data Impedance50Ω Frequency rangeDC to 0.7GHz VSWR≤1.2 (DC to 0.7GHz) Insertion loss≤0.1dB (at 1GHz) Insulation resistance≥5000MΩ Contact resistance inner conductor≤10mΩ Contact resistance outer conductor≤5mΩ Dielectric withstanding voltage (at sea level)1000 V rms Working Voltage (at sea level)500 V rms	
Mechanical Data Coupling torque≤17.7 inch lbs Durability (mating)≥500	
Environmental Data Temperature range-55°C to +125°C CorrosionMIL-STD-202, Method 101, Condition B RoHSCompliant	
Tooling Crimping toolCRT-1 or CRT-2 Crimp insertINSERT-B	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

FME8100A-0223		DATE	2016/04/18	REV	—
A		B		C	
					
BODY		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 IN " Y ".		
			Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.		
			Step 5: SLIDE FERRULE " C " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 5.9mm/0.232inch HEX SECTION OF INSERT-B)		
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

FME8100A-0223

S11

