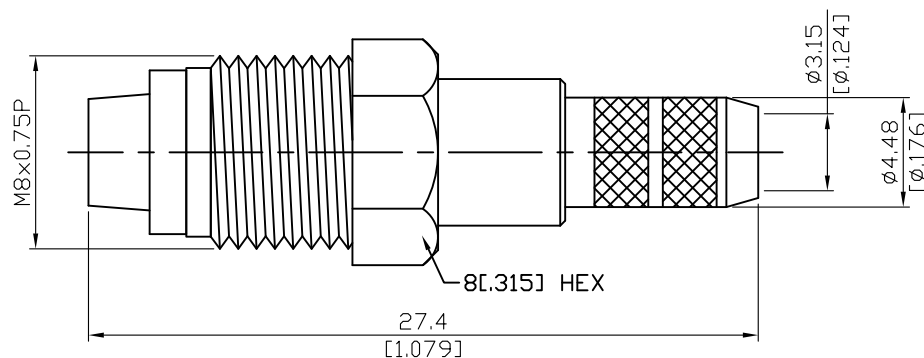


FME81PR-0174

FME Jack Crimp For RG174,RG188,RG316;
1GHz VSWR 1.25

50Ω



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

Suitable Cables: RG174,RG188,RG316

This part number complies with RoHS.

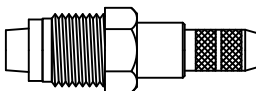
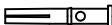
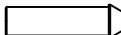
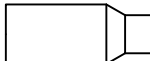
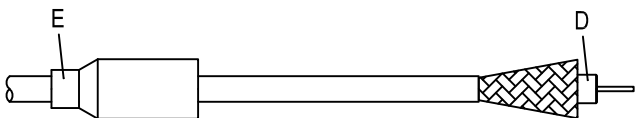
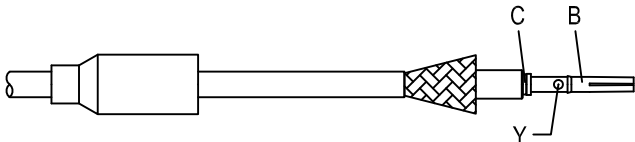
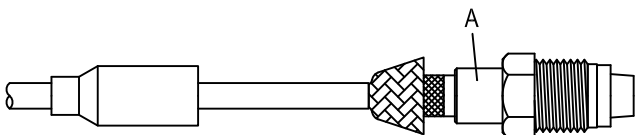
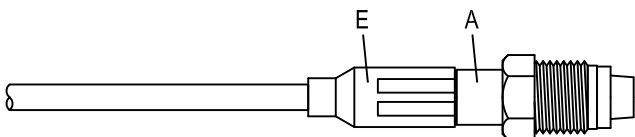
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

FME	FME81PR-0174
Electrical Data Impedance 50Ω Frequency range DC to 1GHz VSWR ≤ 1.25 (DC to 1GHz) 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 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant	
Tooling Crimping tool CRT-1 or CRT-2 Crimp insert INSERT-B	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY RECOMMENDATION

FME81PR-0174		DATE	2014/04/29	REV	—
A		B	C	D	E
					
BODY		CONTACT PIN	INSULATOR	TUBE	FERRULE
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SLIDE FERRULE " E " OVER CABLE. Step 3: LOOSEN BRAIDING AND SLIDE TUBE " D " IN PLACE.		
			Step 4: SLIDE PREPARED CABLE INTO INSULATOR " C ". Step 5: PUT PIN " B " ON CENTER CONDUCTOR AND SOLDER IN " Y ".		
			Step 6: LOOSEN BRAIDING AND SLIDE CONNECTOR " A " IN PLACE.		
			Step 7: SLIDE FERRULE " E " TOWARDS THE CONNECTOR " A " AND CRIMP. (USE 5.5mm/0.217inch 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	

FME81PR-0174

S11

