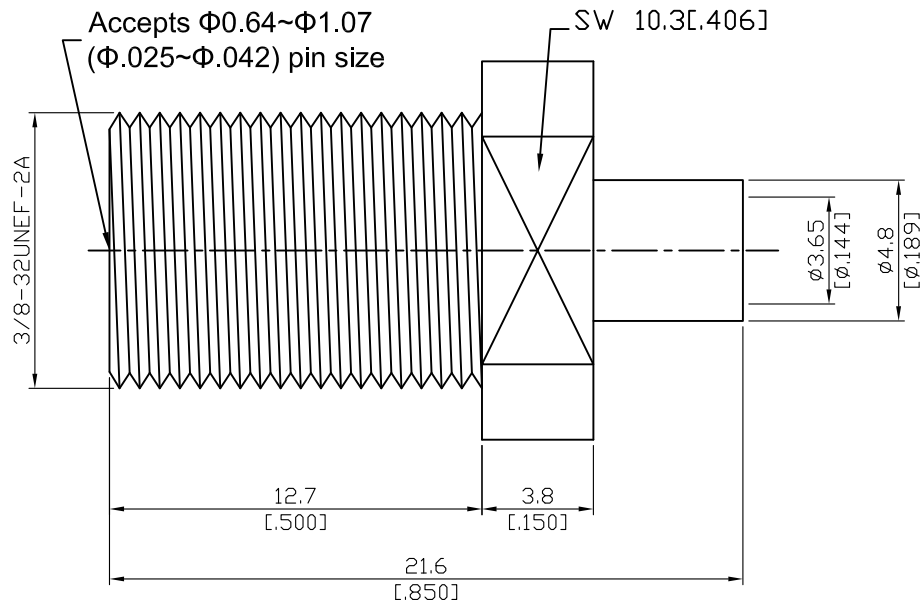


F8300-0141

F Jack Solder For 75ohm .141 semi-rigid;
3GHz VSWR 1.2 & 4GHz VSWR 1.3

75Ω



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

Suitable Cables: .141 Semi-Rigid 75ohm, .141 75ohm Formable

This part number complies with RoHS.

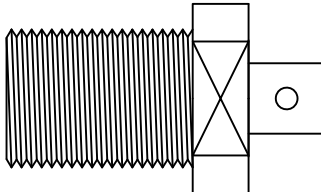
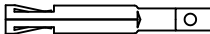
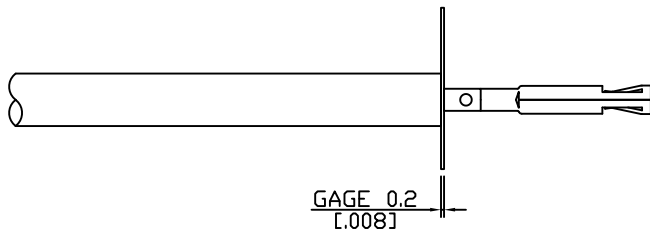
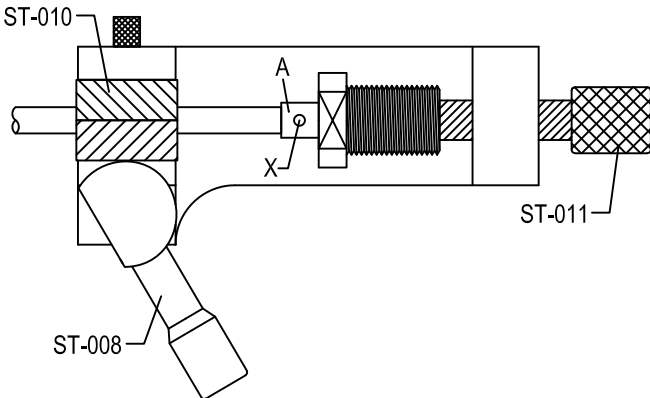
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

F	F8300-0141
Interface IEC 61169-24	
Electrical Data Impedance 75Ω Frequency range DC to 4GHz VSWR ≤ 1.2 (3GHz); ≤ 1.3 (4GHz) Insertion loss $\leq 0.1\text{dB}$ at 1GHz; $\leq 0.2\text{dB}$ at 2GHz; $\leq 0.3\text{dB}$ at 3GHz Insulation resistance $\geq 10000\text{M}\Omega$ Contact resistance inner conductor $\leq 5\text{m}\Omega$ Contact resistance outer conductor $\leq 2.5\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 1500 V rms Working Voltage (at sea level) 500 V rms	
Mechanical Data Recommended coupling nut torque 15 to 20 inch lbs Coupling proof torque 60 inch lbs Durability (mating) ≥ 500 Accepts male pin size $\Phi 0.64 \sim \Phi 1.07$ ($\Phi .025 \sim \Phi .042$)	
Environmental Data Temperature range -65°C to +165°C Thermal shock MIL-STD-202, Method 107, Condition B Moisture resistance MIL-STD-202, Method 106 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant	
Tooling Soldering gauge ST-0.2 Soldering fixture ST-008 Insert for .141semi-rigid cable ST-010 Locator tool ST-011	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

F8300-0141		DATE	2017/12/15	REV	—
A  BODY		B  CONTACT PIN			
DIAGRAM		ASSEMBLY INSTRUCTION			
		Step 1: STRIP AS SHOWN.			
		Step 2: PUT 0.2 MM GAGE IN PLACE, INSERT CABLE'S CENTER CONDUCTOR INTO CENTER PIN " B " AND SOLDER IN " Y ".			
		Step 3: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-010 " AND LOCATOR TOOL " ST-011 " TO FIX THE CONNECTOR. SOLDER IN " X ".			
This part number complies with RoHS. Notice: JYEBAO reserves the right to make modifications deemed appropriate.					
APPROVED		CHECKED		DRAWING	
				Albert	

F8300-0141

S11

