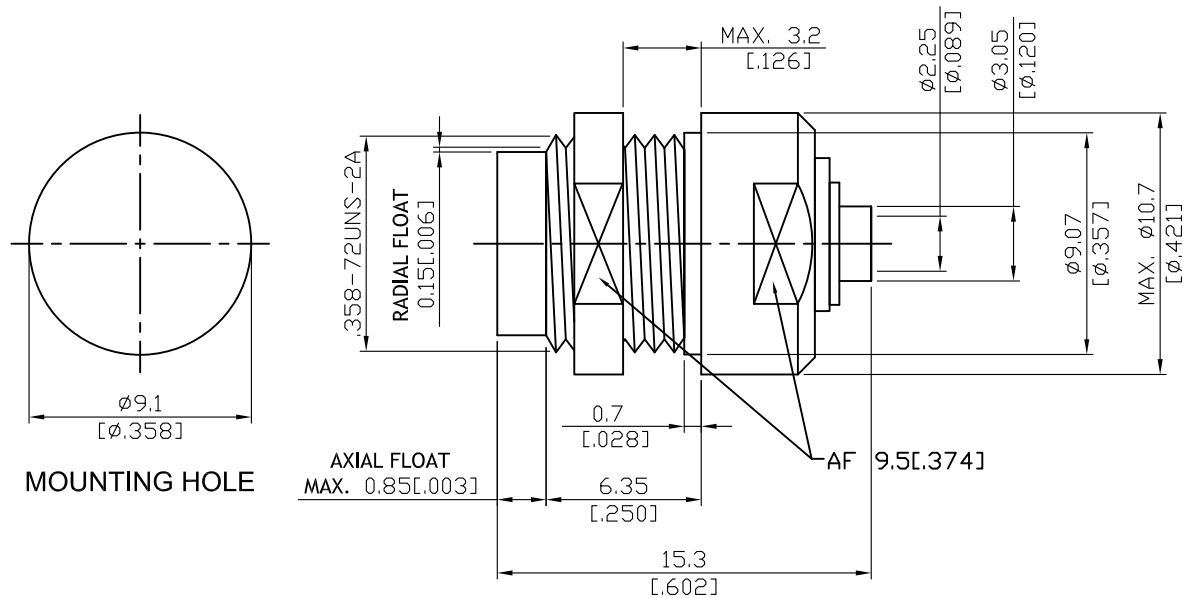


BMA8305S-0085/50G

BMA Jack Solder Bulkhead For RG405;
18GHz VSWR 1.3

50Ω



Parts	Material	Plating (Micro-inch)
Coupling Nut	Stainless Steel	Passivated
Body	Stainless Steel	Gold 5 over Nickel 50 over Copper 50
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 50 Over Nickel 50 Over Copper 50
E-ring	Stainless Steel	Passivated
Nut	Stainless Steel	Passivated
Spring	Stainless Steel	
Ferrule	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Body	Stainless Steel	Passivated

This part number complies with RoHS.

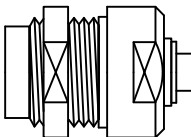
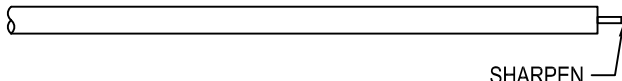
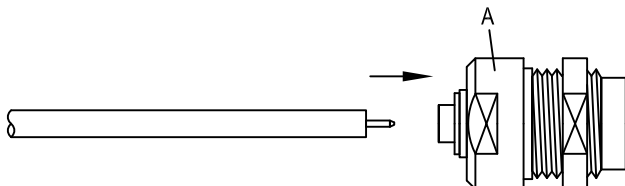
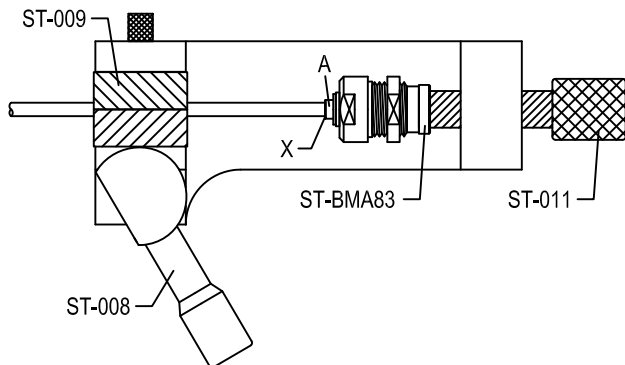
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

BMA		BMA8305S-0085/50G	
Interface		MIL-STD-348B	
Electrical Data		Impedance 50Ω Frequency range DC to 18GHz VSWR ≤ 1.3 (DC to 18GHz) Insertion loss $\leq 0.03 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 2\text{m}\Omega$ Contact resistance outer conductor $\leq 2\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 1000 V rms Working voltage (at sea level) 670 V rms	
Mechanical Data		Engagement force ≤ 3 lbs Disengagement force ≤ 1.5 lbs Contact captivation-axial ≥ 6.1 lbs Durability (mating) ≥ 1000	
Environmental Data		Temperature range -40°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		Locator tool ST-011 & ST-BMA83 Soldering fixture ST-008 Insert for .085 semi-rigid cable ST-009	

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

BMA8305S-0085/50G		DATE	2020/11/06	REV	—
A  BODY					
DIAGRAM			ASSEMBLY INSTRUCTION		
			Step 1: STRIP AS SHOWN.		
			Step 2: SHARPEN CENTER CONDUCTOR TIP.		
			Step 3: SLIDE CABLE INTO CONNECTOR BODY "A".		
			Step 4: USE SOLDERING FIXTURE " ST-008 ", INSERT TOOL " ST-009 " AND LOCATOR TOOL " ST-011 " AND " ST-BMA83 " 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	

BMA8305S-0085/50G

