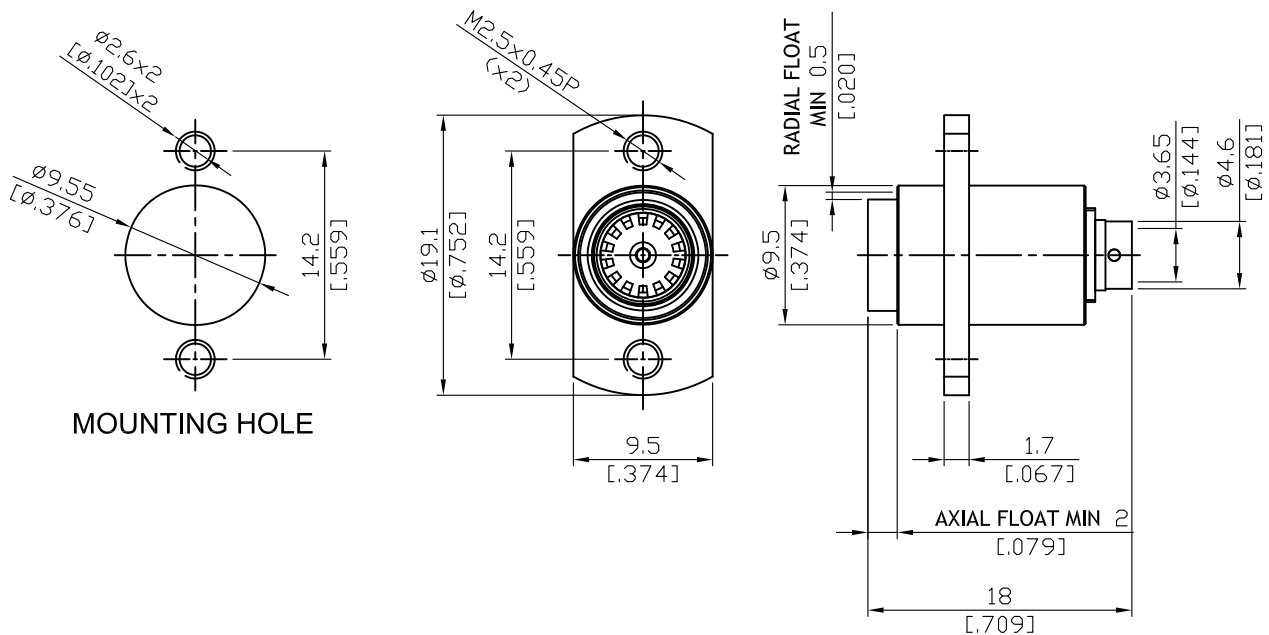


BMA8326-0141/M2.5

BMA Jack Solder 2 Hole (Threaded M2*0.45P) Flange
For RG402; 22GHz VSWR 1.25

50Ω



Parts	Material	Plating (Micro-inch)
Washer	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Spring	Stainless Steel	
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Spring Washer	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Spring Ring	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Suitable Cables: semi-rigid .141

This part number complies with RoHS.

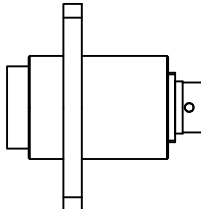
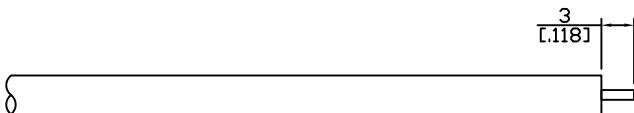
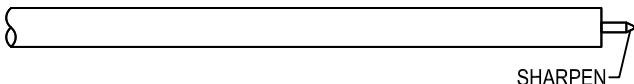
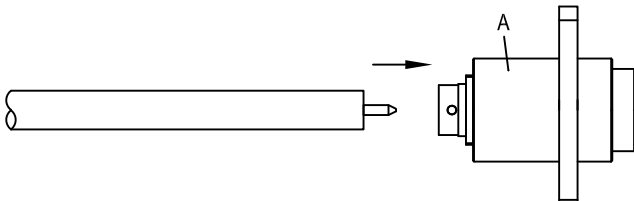
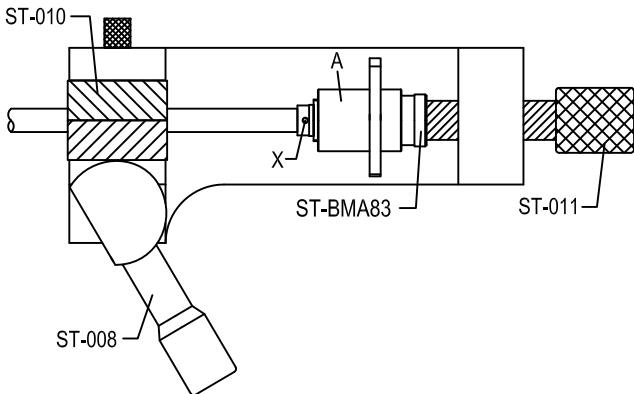
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

BMA	BMA8326-0141/M2.5																		
Interface MIL-STD-348B																			
Electrical Data <table> <tr> <td>Impedance</td><td>50Ω</td></tr> <tr> <td>Frequency range</td><td>DC to 22GHz</td></tr> <tr> <td>VSWR</td><td>≤ 1.25 (DC to 22GHz)</td></tr> <tr> <td>Insertion loss</td><td>≤ 0.03 x √f(GHz) dB</td></tr> <tr> <td>Insulation resistance</td><td>≥ 5000MΩ</td></tr> <tr> <td>Contact resistance inner conductor</td><td>≤ 2mΩ</td></tr> <tr> <td>Contact resistance outer conductor</td><td>≤ 2mΩ</td></tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td><td>1500 V rms</td></tr> <tr> <td>Working voltage (at sea level)</td><td>1000 V rms</td></tr> </table>		Impedance	50Ω	Frequency range	DC to 22GHz	VSWR	≤ 1.25 (DC to 22GHz)	Insertion loss	≤ 0.03 x √f(GHz) dB	Insulation resistance	≥ 5000MΩ	Contact resistance inner conductor	≤ 2mΩ	Contact resistance outer conductor	≤ 2mΩ	Dielectric withstanding voltage (at sea level)	1500 V rms	Working voltage (at sea level)	1000 V rms
Impedance	50Ω																		
Frequency range	DC to 22GHz																		
VSWR	≤ 1.25 (DC to 22GHz)																		
Insertion loss	≤ 0.03 x √f(GHz) dB																		
Insulation resistance	≥ 5000MΩ																		
Contact resistance inner conductor	≤ 2mΩ																		
Contact resistance outer conductor	≤ 2mΩ																		
Dielectric withstanding voltage (at sea level)	1500 V rms																		
Working voltage (at sea level)	1000 V rms																		
Mechanical Data <table> <tr> <td>Engagement force</td><td>≤ 3 lbs</td></tr> <tr> <td>Disengagement force</td><td>≤ 1.5 lbs</td></tr> <tr> <td>Contact captivation-axial</td><td>≥ 6.1 lbs</td></tr> <tr> <td>Durability (mating)</td><td>≥ 1000</td></tr> </table>		Engagement force	≤ 3 lbs	Disengagement force	≤ 1.5 lbs	Contact captivation-axial	≥ 6.1 lbs	Durability (mating)	≥ 1000										
Engagement force	≤ 3 lbs																		
Disengagement force	≤ 1.5 lbs																		
Contact captivation-axial	≥ 6.1 lbs																		
Durability (mating)	≥ 1000																		
Environmental Data <table> <tr> <td>Temperature range</td><td>-65°C to +165°C</td></tr> <tr> <td>Thermal shock</td><td>MIL-STD-202, Method 107, Condition B</td></tr> <tr> <td>Moisture resistance</td><td>MIL-STD-202, Method 106</td></tr> <tr> <td>Corrosion</td><td>MIL-STD-202, Method 101, Condition B</td></tr> <tr> <td>RoHS</td><td>Compliant</td></tr> </table>		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								
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 <table> <tr> <td>Soldering fixture</td><td>ST-008</td></tr> <tr> <td>Insert For .141 semi-rigid cable</td><td>ST-010</td></tr> <tr> <td>Locator tool</td><td>ST-011, ST-BMA83</td></tr> </table>		Soldering fixture	ST-008	Insert For .141 semi-rigid cable	ST-010	Locator tool	ST-011, ST-BMA83												
Soldering fixture	ST-008																		
Insert For .141 semi-rigid cable	ST-010																		
Locator tool	ST-011, ST-BMA83																		

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

JYE BAO CO., LTD.

CABLE ASSEMBLY INSTRUCTION

BMA8326-0141/M2.5		DATE	2018/10/05	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-010 " 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	

BMA8326-0141/M2.5

