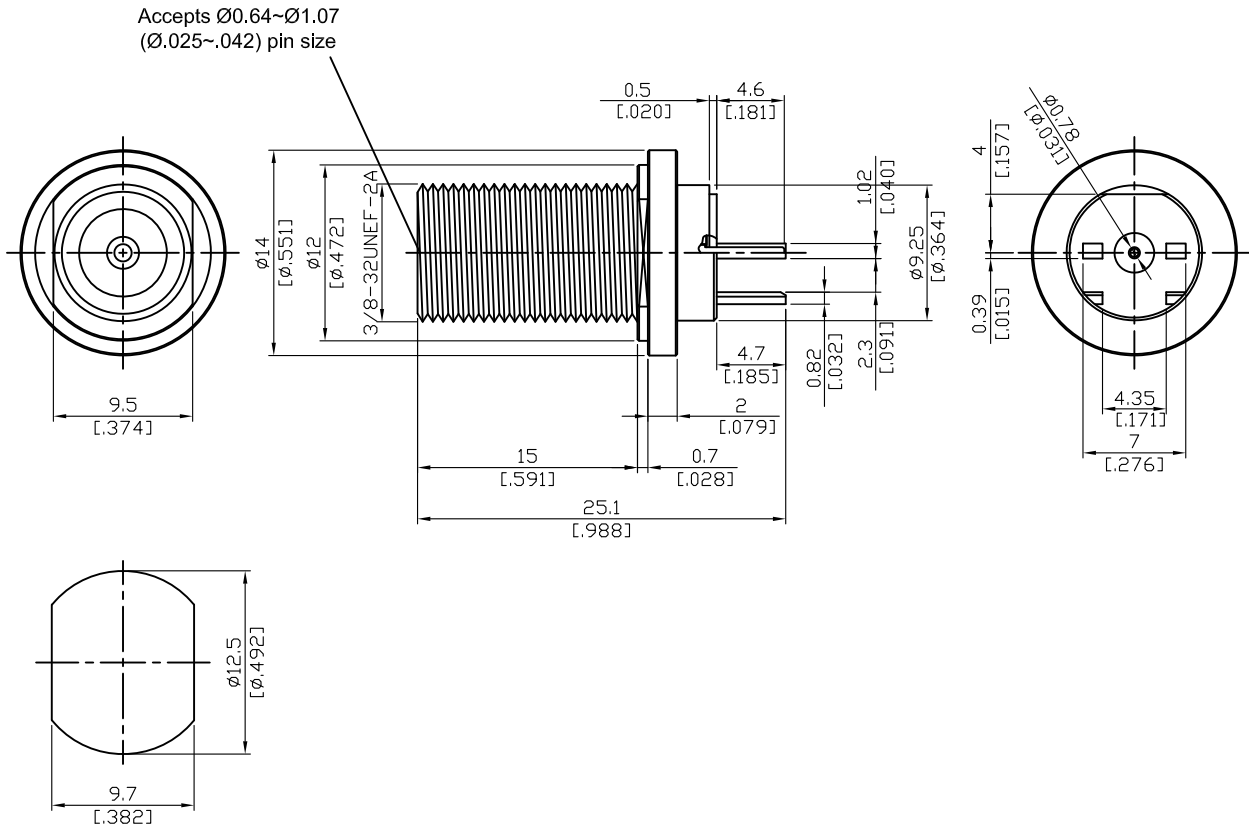


<b>F8404D-0000</b>	<b>F Jack PCB Mount Bulkhead End Launch (T=2.3)</b> With Round Contact (Φ0.78); 2GHz VSWR 1.1 & 4GHz VSWR 1.25	<b>75Ω</b>
--------------------	--	------------



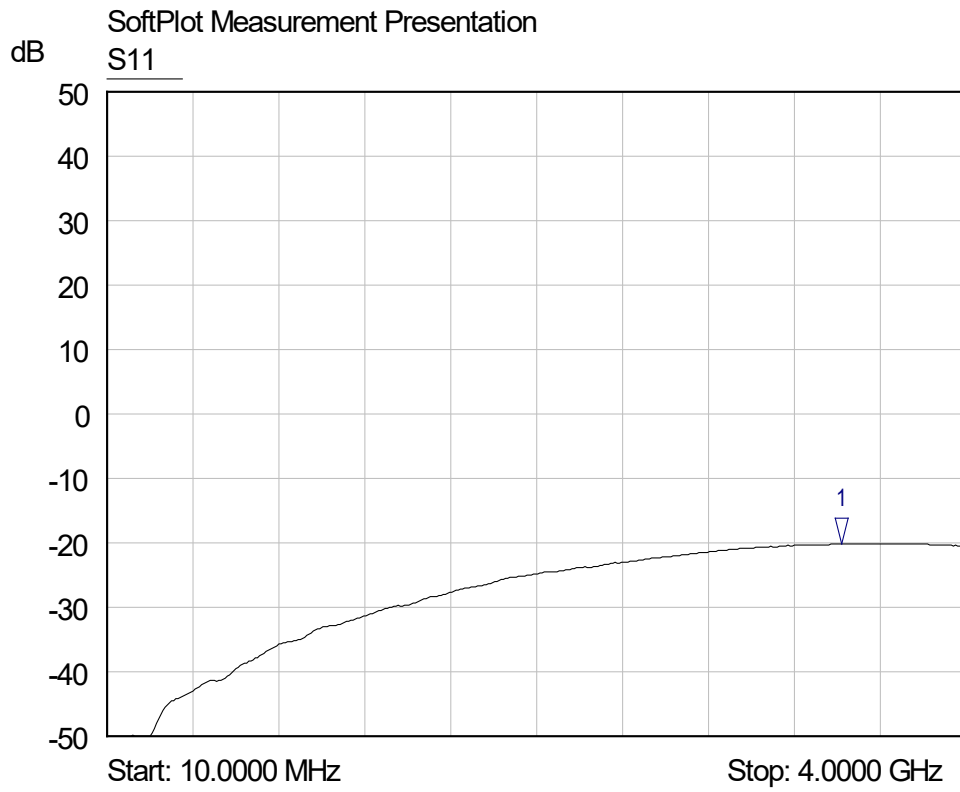
Parts	Material	Plating ( Micro-inch )
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	PE & Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

--	--

This part number complies with RoHS.  
 Notice: JYEBAO reserves the right to make modifications deemed appropriate.

F	F8404D-0000																		
<div data-bbox="113 327 513 376" style="border: 1px solid black; padding: 2px;">Interface</div> <p>IEC 61169-24</p>																			
<div data-bbox="113 490 513 539" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Impedance</td> <td style="width: 50%;">75Ω</td> </tr> <tr> <td>Frequency range</td> <td>DC to 4GHz</td> </tr> <tr> <td>VSWR</td> <td>≤ 1.1 (2GHz) ; ≤ 1.25 (2~4GHz)</td> </tr> <tr> <td>Insertion loss</td> <td>≤ 0.1dB at 1GHz; ≤ 0.2dB at 2GHz; ≤ 0.3dB at 3GHz</td> </tr> <tr> <td>Insulation resistance</td> <td>≥ 10000MΩ</td> </tr> <tr> <td>Contact resistance inner conductor</td> <td>≤ 5mΩ</td> </tr> <tr> <td>Contact resistance outer conductor</td> <td>≤ 2.5mΩ</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>500 V rms</td> </tr> </table>		Impedance	75Ω	Frequency range	DC to 4GHz	VSWR	≤ 1.1 (2GHz) ; ≤ 1.25 (2~4GHz)	Insertion loss	≤ 0.1dB at 1GHz; ≤ 0.2dB at 2GHz; ≤ 0.3dB at 3GHz	Insulation resistance	≥ 10000MΩ	Contact resistance inner conductor	≤ 5mΩ	Contact resistance outer conductor	≤ 2.5mΩ	Dielectric withstanding voltage (at sea level)	1500 V rms	Working Voltage (at sea level)	500 V rms
Impedance	75Ω																		
Frequency range	DC to 4GHz																		
VSWR	≤ 1.1 (2GHz) ; ≤ 1.25 (2~4GHz)																		
Insertion loss	≤ 0.1dB at 1GHz; ≤ 0.2dB at 2GHz; ≤ 0.3dB at 3GHz																		
Insulation resistance	≥ 10000MΩ																		
Contact resistance inner conductor	≤ 5mΩ																		
Contact resistance outer conductor	≤ 2.5mΩ																		
Dielectric withstanding voltage (at sea level)	1500 V rms																		
Working Voltage (at sea level)	500 V rms																		
<div data-bbox="113 1133 513 1182" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Recommended coupling nut torque</td> <td style="width: 50%;">15 to 20 inch lbs</td> </tr> <tr> <td>Coupling proof torque</td> <td>60 inch lbs</td> </tr> <tr> <td>Durability (mating)</td> <td>≥ 500</td> </tr> <tr> <td>Accepts male pin size</td> <td>Φ0.64~Φ1.07 (Φ.025~Φ.042)</td> </tr> </table>		Recommended coupling nut torque	15 to 20 inch lbs	Coupling proof torque	60 inch lbs	Durability (mating)	≥ 500	Accepts male pin size	Φ0.64~Φ1.07 (Φ.025~Φ.042)										
Recommended coupling nut torque	15 to 20 inch lbs																		
Coupling proof torque	60 inch lbs																		
Durability (mating)	≥ 500																		
Accepts male pin size	Φ0.64~Φ1.07 (Φ.025~Φ.042)																		
<div data-bbox="113 1485 513 1534" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Temperature range</td> <td style="width: 50%;">-40°C to +85°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	-40°C to +85°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	-40°C to +85°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																		
<div data-bbox="113 1836 513 1886" style="border: 1px solid black; padding: 2px;">Tooling</div>																			

F8404D-0000



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S11	3.4200 GHz	-20.11 dB	