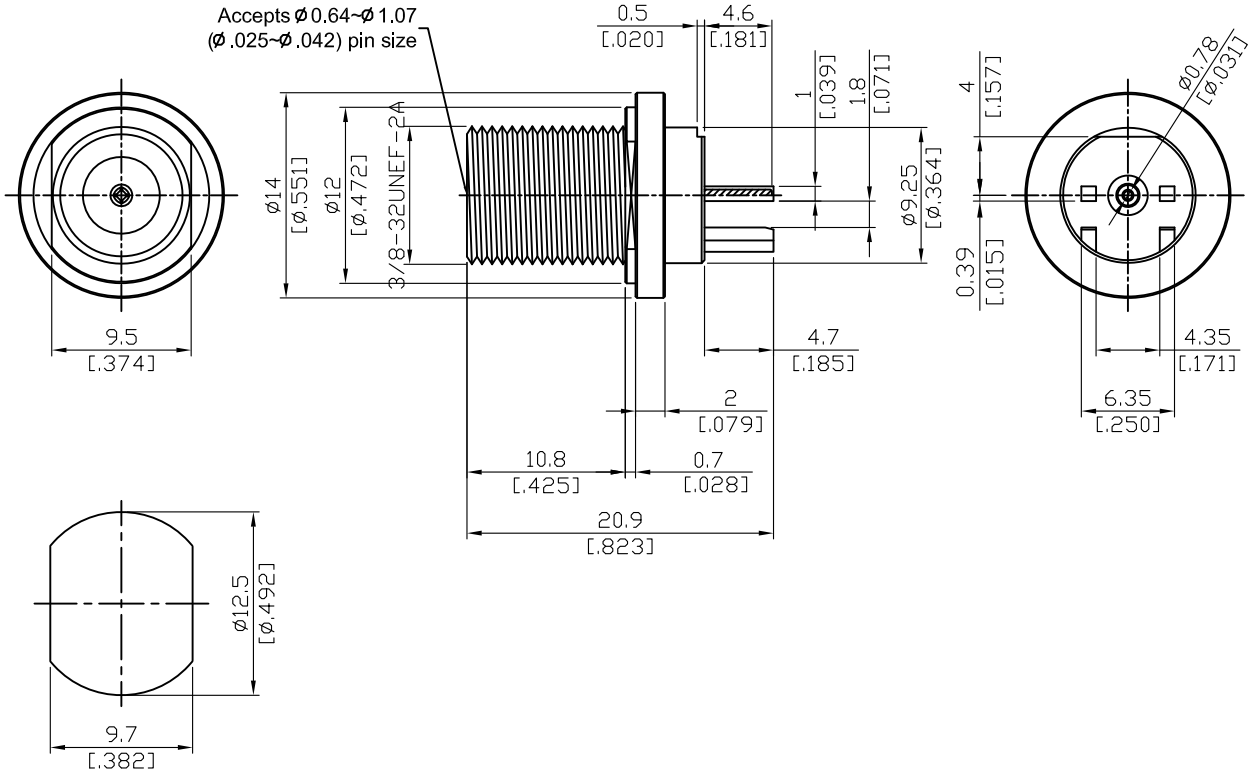


| | | |
|--------------------|--|------------|
| F8404B-0000 | F Jack PCB Mount Bulkhead End Launch (T=1.8) With Round Contact (Φ0.78); 2GHz VSWR 1.1 & 4GHz VSWR 1.25 | 75Ω |
|--------------------|--|------------|



MOUNTING HOLE

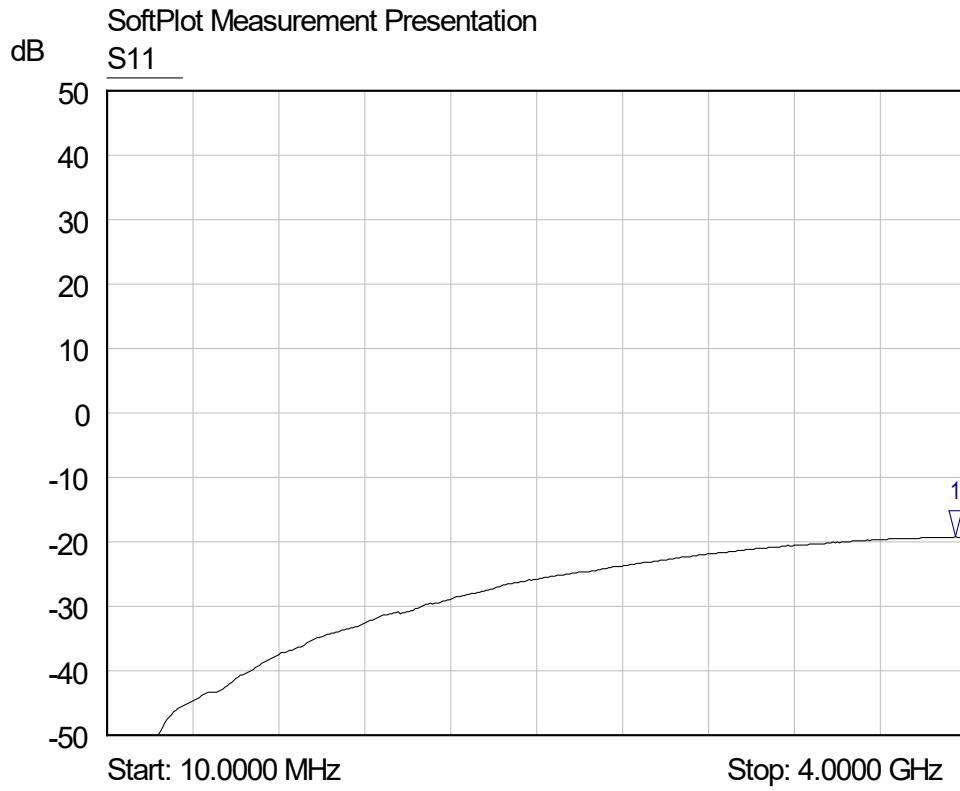
| Parts | Material | Plating (Micro-inch) |
|-------------|------------------|---|
| Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Insulator | PE & Teflon | |
| Body | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |

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

| F | F8404B-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> | | | | | | | | | | | | | | | | | | | |

F8404B-0000



| Mkr | Trace | X-Axis | Value | Notes |
|-----|-------|------------|-----------|-------|
| 1 ▾ | S11 | 3.9500 GHz | -19.25 dB | |