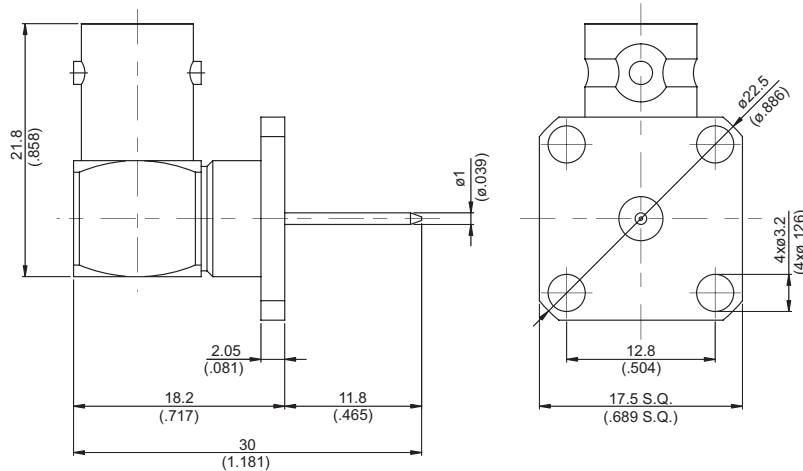
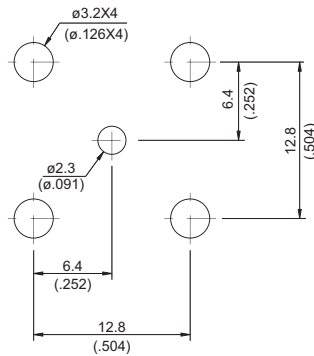


BNC864B-9000

**BNC Jack SQ 17.5mm 4 Hole Flange Right Angle** 50Ω  
**With Round Contact (Φ1;L=11.7); 2.6GHz VSWR 1.2**



MOUNTING HOLE



| Parts       | Material        | Plating (Micro-inch)                                  |
|-------------|-----------------|---|
| Cover       | Brass           | Nickel 100 Over Copper 50                             |
| Insulator   | Teflon          |   |
| Body        | Brass           | Nickel 100 Over Copper 50                             |
| Lock Washer | Brass           | Nickel 100 Over Copper 50                             |
| Contact Pin | Phosphor Bronze | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |

Weight: 17.75 g

This part number complies with RoHS.

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

| BNC   | BNC864B-9000                         |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
|---|--------------------------------------|---------------------------------|---------------------|------------------------------|--------------------------------------|---------------------------|-------------------------|---------------------|--------------------------------------|-----------------------|-----------|------------------------------------|---------|------------------------------------|-------|--|------------|--------------------------------|-----------|
| <div data-bbox="167 344 568 389" style="border: 1px solid black; padding: 2px;">Interface</div> <p>MIL-STD-348B</p>   |                                      |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| <div data-bbox="167 512 568 557" 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%;">50Ω</td> </tr> <tr> <td>Frequency range</td> <td>DC to 2.6GHz</td> </tr> <tr> <td>VSWR</td> <td>≤ 1.2 (DC to 2.6GHz)</td> </tr> <tr> <td>Insertion loss</td> <td>≤ 0.1 x √f(GHz)dB</td> </tr> <tr> <td>Insulation resistance</td> <td>≥ 5000MΩ</td> </tr> <tr> <td>Contact resistance inner conductor</td> <td>≤ 1.5mΩ</td> </tr> <tr> <td>Contact resistance outer conductor</td> <td>≤ 1mΩ</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                       | 50Ω                 | Frequency range              | DC to 2.6GHz                         | VSWR                      | ≤ 1.2 (DC to 2.6GHz)    | Insertion loss      | ≤ 0.1 x √f(GHz)dB                    | Insulation resistance | ≥ 5000MΩ  | Contact resistance inner conductor | ≤ 1.5mΩ | Contact resistance outer conductor | ≤ 1mΩ | Dielectric withstanding voltage (at sea level) | 1500 V rms | Working voltage (at sea level) | 500 V rms |
| Impedance   | 50Ω                                  |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| Frequency range   | DC to 2.6GHz                         |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| VSWR  | ≤ 1.2 (DC to 2.6GHz)                 |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| Insertion loss  | ≤ 0.1 x √f(GHz)dB                    |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| Insulation resistance   | ≥ 5000MΩ                             |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| Contact resistance inner conductor  | ≤ 1.5mΩ                              |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| Contact resistance outer conductor  | ≤ 1mΩ                                |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| Dielectric withstanding voltage (at sea level)  | 1500 V rms                           |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| Working voltage (at sea level)  | 500 V rms                            |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| <div data-bbox="167 1055 568 1099" 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%;">0.6 to 2.5 inch lbs</td> </tr> <tr> <td>Coupling nut retention force</td> <td>≥ 101.2 lbs</td> </tr> <tr> <td>Contact captivation-axial</td> <td>≥ 6.1 lbs</td> </tr> <tr> <td>Durability (mating)</td> <td>≥ 500</td> </tr> </table>   |                                      | Recommended coupling nut torque | 0.6 to 2.5 inch lbs | Coupling nut retention force | ≥ 101.2 lbs                          | Contact captivation-axial | ≥ 6.1 lbs               | Durability (mating) | ≥ 500                                |                       |           |                                    |         |                                    |       |  |            |                                |           |
| Recommended coupling nut torque   | 0.6 to 2.5 inch lbs                  |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| Coupling nut retention force  | ≥ 101.2 lbs                          |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| Contact captivation-axial   | ≥ 6.1 lbs                            |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| Durability (mating)   | ≥ 500                                |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| <div data-bbox="167 1364 568 1408" 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%;">-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                            |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |
| <div data-bbox="167 1715 568 1760" style="border: 1px solid black; padding: 2px;">Tooling</div>   |                                      |                                 |                     |                              |                                      |                           |                         |                     |                                      |                       |           |                                    |         |                                    |       |  |            |                                |           |

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