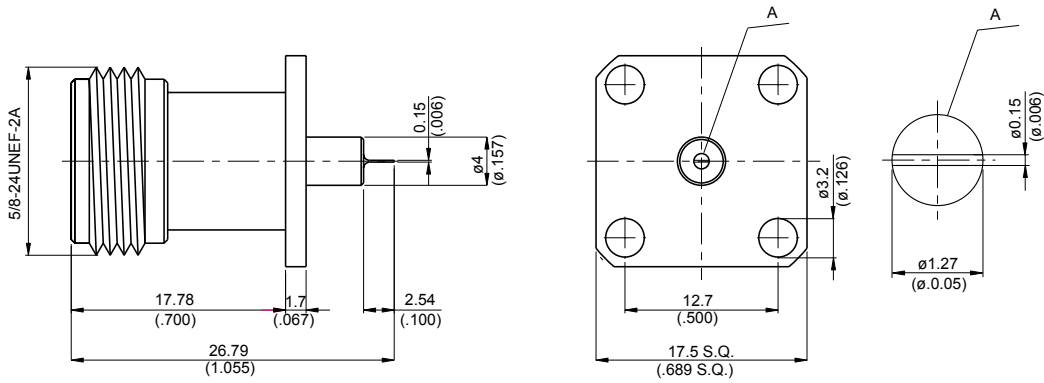
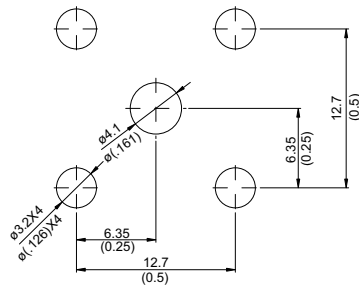


N864B4-0000 **N Jack SQ 17.5mm 4 Hole Flange With Tab Contact** **50Ω**
(W=1.27;T=0.15;L=2.54); 11GHz VSWR 1.2



MOUNTING HOLE :



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

Weight: 16.96 g

This part number complies with RoHS.

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

| | | | | | | | | | | | | | | | | | | | |
|--|--------------------------------------|---------------------------------|------------------|-----------------------|--------------------------------------|---------------------------|-------------------------|---------------------|--------------------------------------|-----------------------|-----------|------------------------------------|---------|------------------------------------|-------|--|------------|--------------------------------|------------|
| N | N864B4-0000 | | | | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> <p>MIL-STD-348B</p> | | | | | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Impedance</td> <td style="text-align: right;">50Ω</td> </tr> <tr> <td>Frequency range</td> <td style="text-align: right;">DC to 11GHz</td> </tr> <tr> <td>VSWR</td> <td style="text-align: right;">≤ 1.2 (DC to 11Hz)</td> </tr> <tr> <td>Insertion loss</td> <td style="text-align: right;">≤ 0.05 x √f(GHz) dB</td> </tr> <tr> <td>Insulation resistance</td> <td style="text-align: right;">≥ 5000MΩ</td> </tr> <tr> <td>Contact resistance inner conductor</td> <td style="text-align: right;">≤ 1.5mΩ</td> </tr> <tr> <td>Contact resistance outer conductor</td> <td style="text-align: right;">≤ 1mΩ</td> </tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td> <td style="text-align: right;">2500 V rms</td> </tr> <tr> <td>Working voltage (at sea level)</td> <td style="text-align: right;">1000 V rms</td> </tr> </table> | | Impedance | 50Ω | Frequency range | DC to 11GHz | VSWR | ≤ 1.2 (DC to 11Hz) | Insertion loss | ≤ 0.05 x √f(GHz) dB | Insulation resistance | ≥ 5000MΩ | Contact resistance inner conductor | ≤ 1.5mΩ | Contact resistance outer conductor | ≤ 1mΩ | Dielectric withstanding voltage (at sea level) | 2500 V rms | Working voltage (at sea level) | 1000 V rms |
| Impedance | 50Ω | | | | | | | | | | | | | | | | | | |
| Frequency range | DC to 11GHz | | | | | | | | | | | | | | | | | | |
| VSWR | ≤ 1.2 (DC to 11Hz) | | | | | | | | | | | | | | | | | | |
| Insertion loss | ≤ 0.05 x √f(GHz) dB | | | | | | | | | | | | | | | | | | |
| Insulation resistance | ≥ 5000MΩ | | | | | | | | | | | | | | | | | | |
| Contact resistance inner conductor | ≤ 1.5mΩ | | | | | | | | | | | | | | | | | | |
| Contact resistance outer conductor | ≤ 1mΩ | | | | | | | | | | | | | | | | | | |
| Dielectric withstanding voltage (at sea level) | 2500 V rms | | | | | | | | | | | | | | | | | | |
| Working voltage (at sea level) | 1000 V rms | | | | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Recommended coupling nut torque</td> <td style="text-align: right;">6 to 10 inch lbs</td> </tr> <tr> <td>Coupling proof torque</td> <td style="text-align: right;">15 inch lbs</td> </tr> <tr> <td>Contact captivation-axial</td> <td style="text-align: right;">≥ 6.3 lbs</td> </tr> <tr> <td>Durability (mating)</td> <td style="text-align: right;">≥ 500</td> </tr> </table> | | Recommended coupling nut torque | 6 to 10 inch lbs | Coupling proof torque | 15 inch lbs | Contact captivation-axial | ≥ 6.3 lbs | Durability (mating) | ≥ 500 | | | | | | | | | | |
| Recommended coupling nut torque | 6 to 10 inch lbs | | | | | | | | | | | | | | | | | | |
| Coupling proof torque | 15 inch lbs | | | | | | | | | | | | | | | | | | |
| Contact captivation-axial | ≥ 6.3 lbs | | | | | | | | | | | | | | | | | | |
| Durability (mating) | ≥ 500 | | | | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Environmental Data</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Temperature range</td> <td style="text-align: right;">-65°C to +165°C</td> </tr> <tr> <td>Thermal shock</td> <td style="text-align: right;">MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td>Moisture resistance</td> <td style="text-align: right;">MIL-STD-202, Method 106</td> </tr> <tr> <td>Corrosion</td> <td style="text-align: right;">MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td>RoHS</td> <td style="text-align: right;">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 style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Tooling</div> | | | | | | | | | | | | | | | | | | | |

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