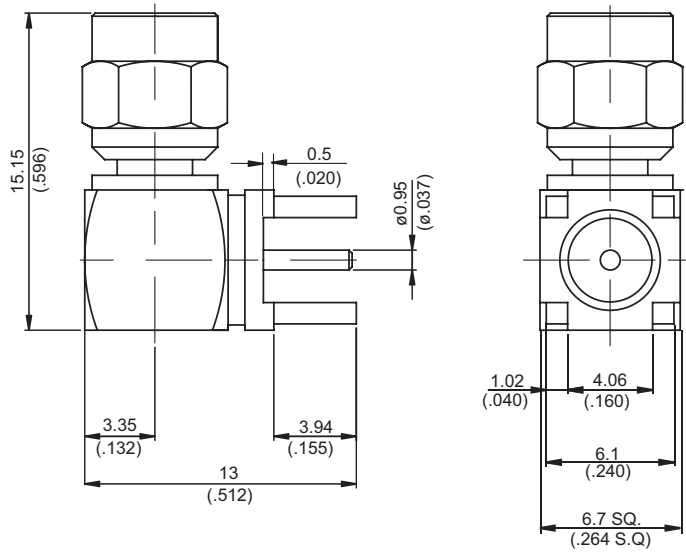
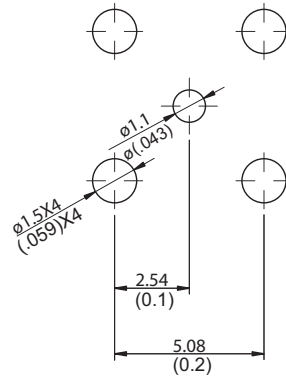


SMC3400-9000

SMC Plug PCB Mount Right Angle
With Round Contact (Φ0.95); 4.5GHz VSWR 1.2 ^{50Ω}



MOUNTING HOLE :



| Parts | Material | Plating (Micro-inch) |
|--------------|------------------|---|
| Cover | Brass | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Insulator | Teflon | |
| Body | Brass | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Coupling Nut | Brass | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |

Weight: 3.7 g

This part number complies with RoHS.

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

| SMC | SMC3400-9000 | | | | | | | | | | | | | | | | | | | | |
|--|--------------------------------------|---------------------------------|---------------------|-----------------------|--------------------------------------|------------------------------|-------------------------|---------------------------|--------------------------------------|-----------------------|-----------|------------------------------------|-------|------------------------------------|---------|--|-----------|--------------------------------|-----------|------------|----------------|
| <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 4.5GHz</td> </tr> <tr> <td>VSWR</td> <td>≦ 1.2 (DC to 4.5GHz)</td> </tr> <tr> <td>Insertion loss</td> <td>≦ 0.1 x √f(GHz)dB</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>750 V rms</td> </tr> <tr> <td>Working voltage (at sea level)</td> <td>250 V rms</td> </tr> <tr> <td>RF leakage</td> <td>≧ 90dB to 1GHz</td> </tr> </table> | | Impedance | 50Ω | Frequency range | DC to 4.5GHz | VSWR | ≦ 1.2 (DC to 4.5GHz) | Insertion loss | ≦ 0.1 x √f(GHz)dB | Insulation resistance | ≧ 10000MΩ | Contact resistance inner conductor | ≦ 5mΩ | Contact resistance outer conductor | ≦ 2.5mΩ | Dielectric withstanding voltage (at sea level) | 750 V rms | Working voltage (at sea level) | 250 V rms | RF leakage | ≧ 90dB to 1GHz |
| Impedance | 50Ω | | | | | | | | | | | | | | | | | | | | |
| Frequency range | DC to 4.5GHz | | | | | | | | | | | | | | | | | | | | |
| VSWR | ≦ 1.2 (DC to 4.5GHz) | | | | | | | | | | | | | | | | | | | | |
| Insertion loss | ≦ 0.1 x √f(GHz)dB | | | | | | | | | | | | | | | | | | | | |
| Insulation resistance | ≧ 10000MΩ | | | | | | | | | | | | | | | | | | | | |
| Contact resistance inner conductor | ≦ 5mΩ | | | | | | | | | | | | | | | | | | | | |
| Contact resistance outer conductor | ≦ 2.5mΩ | | | | | | | | | | | | | | | | | | | | |
| Dielectric withstanding voltage (at sea level) | 750 V rms | | | | | | | | | | | | | | | | | | | | |
| Working voltage (at sea level) | 250 V rms | | | | | | | | | | | | | | | | | | | | |
| RF leakage | ≧ 90dB to 1GHz | | | | | | | | | | | | | | | | | | | | |
| <div data-bbox="167 1106 568 1151" 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%;">2.2 to 3.1 inch lbs</td> </tr> <tr> <td>Coupling proof torque</td> <td>6.2 inch lbs</td> </tr> <tr> <td>Coupling nut retention force</td> <td>≧ 33.72 lbs</td> </tr> <tr> <td>Contact captivation-axial</td> <td>≧ 2.25 lbs</td> </tr> <tr> <td>Durability (mating)</td> <td>≧ 500</td> </tr> </table> | | Recommended coupling nut torque | 2.2 to 3.1 inch lbs | Coupling proof torque | 6.2 inch lbs | Coupling nut retention force | ≧ 33.72 lbs | Contact captivation-axial | ≧ 2.25 lbs | Durability (mating) | ≧ 500 | | | | | | | | | | |
| Recommended coupling nut torque | 2.2 to 3.1 inch lbs | | | | | | | | | | | | | | | | | | | | |
| Coupling proof torque | 6.2 inch lbs | | | | | | | | | | | | | | | | | | | | |
| Coupling nut retention force | ≧ 33.72 lbs | | | | | | | | | | | | | | | | | | | | |
| Contact captivation-axial | ≧ 2.25 lbs | | | | | | | | | | | | | | | | | | | | |
| Durability (mating) | ≧ 500 | | | | | | | | | | | | | | | | | | | | |
| <div data-bbox="167 1458 568 1503" 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 1816 568 1861" style="border: 1px solid black; padding: 2px;">Tooling</div> | | | | | | | | | | | | | | | | | | | | | |

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SMC3400-9000

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