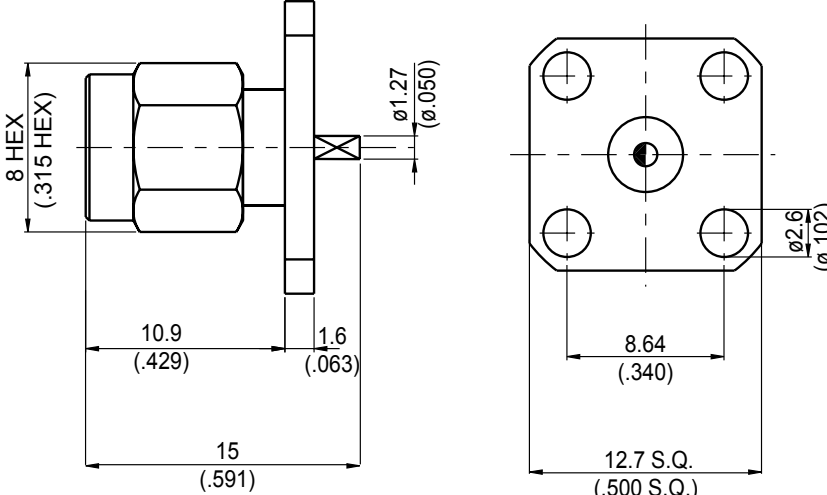


SMA364K-0000	SMA Plug SQ 12.7mm 4 Hole Flange With Half Moon Contact (Φ1.27;L=2.5); 18GHz VSWR 1.2	50Ω																					
																							
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Parts</th> <th style="width: 20%;">Material</th> <th style="width: 65%;">Plating (Micro-inch)</th> </tr> </thead> <tbody> <tr> <td>Renber Ring</td> <td>Beryllium Copper</td> <td>Tin-Zinc-Copper-Alloy 100 Over Copper 50</td> </tr> <tr> <td>Gasket</td> <td>Silicon</td> <td></td> </tr> <tr> <td>Contact Pin</td> <td>Brass</td> <td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> <tr> <td>Insulator</td> <td>Teflon</td> <td></td> </tr> <tr> <td>Body</td> <td>Brass</td> <td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> <tr> <td>Coupling Nut</td> <td>Brass</td> <td>Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20</td> </tr> </tbody> </table>			Parts	Material	Plating (Micro-inch)	Renber Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50	Gasket	Silicon		Contact Pin	Brass	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
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<p>Weight: 4.1 g</p>																							

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

SMA	SMA364K-0000
<div data-bbox="167 369 568 430" style="border: 1px solid black; padding: 2px;">Interface</div> <p>MIL-STD-348B</p> <p>Mechanically compatible with 2.92 &amp; 3.5</p>	
<div data-bbox="167 537 568 598" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance 50Ω</p> <p>Frequency range DC to 18GHz</p> <p>VSWR <math>\leq 1.2</math> (DC to 18GHz)</p> <p>Insertion loss <math>\leq 0.04 \times \sqrt{f(\text{GHz})}</math> dB</p> <p>Insulation resistance <math>\geq 5000\text{M}\Omega</math></p> <p>Contact resistance inner conductor <math>\leq 3\text{m}\Omega</math></p> <p>Contact resistance outer conductor <math>\leq 2\text{m}\Omega</math></p> <p>Dielectric withstanding voltage (at sea level) 1500 V rms</p> <p>Working voltage (at sea level) 500 V rms</p>	
<div data-bbox="167 1079 568 1140" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p>Recommended coupling nut torque 4 inch lbs</p> <p>Coupling proof torque 5.3 inch lbs</p> <p>Coupling nut retention force <math>\geq 60.7</math> lbs</p> <p>Contact Captivation-axial <math>\geq 6.1</math> lbs</p> <p>Durability (mating) <math>\geq 100</math></p>	
<div data-bbox="167 1386 568 1447" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p>Temperature range -65°C to +165°C</p> <p>Thermal shock MIL-STD-202, Method 107, Condition B</p> <p>Moisture resistance MIL-STD-202, Method 106</p> <p>Corrosion MIL-STD-202, Method 101, Condition B</p> <p>RoHS Compliant</p>	
<div data-bbox="167 1736 568 1796" style="border: 1px solid black; padding: 2px;">Tooling</div>	

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

SMA364K-0000

S11

