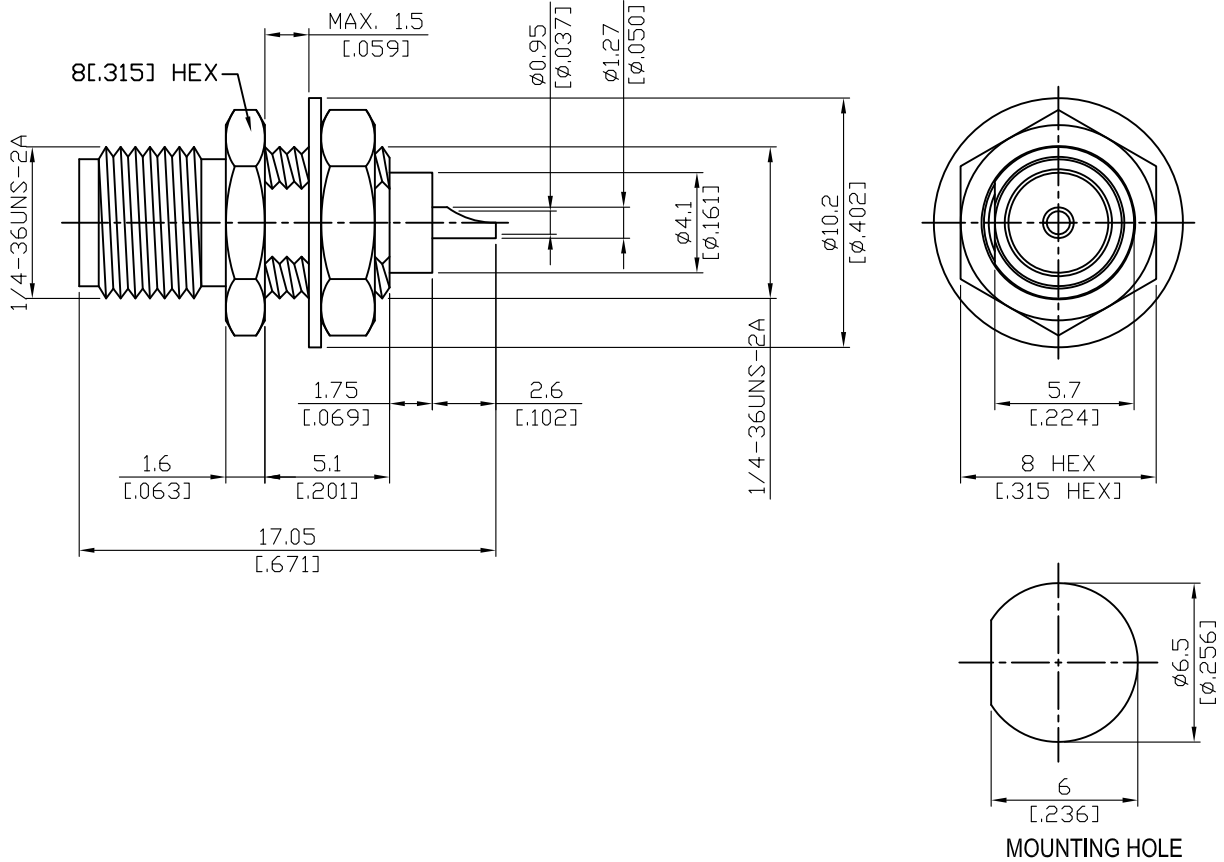


SMA8500C-0000

SMA Jack Bulkhead With Solder Cup Contact;  
18GHz VSWR 1.2

50Ω



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

This part number complies with RoHS.

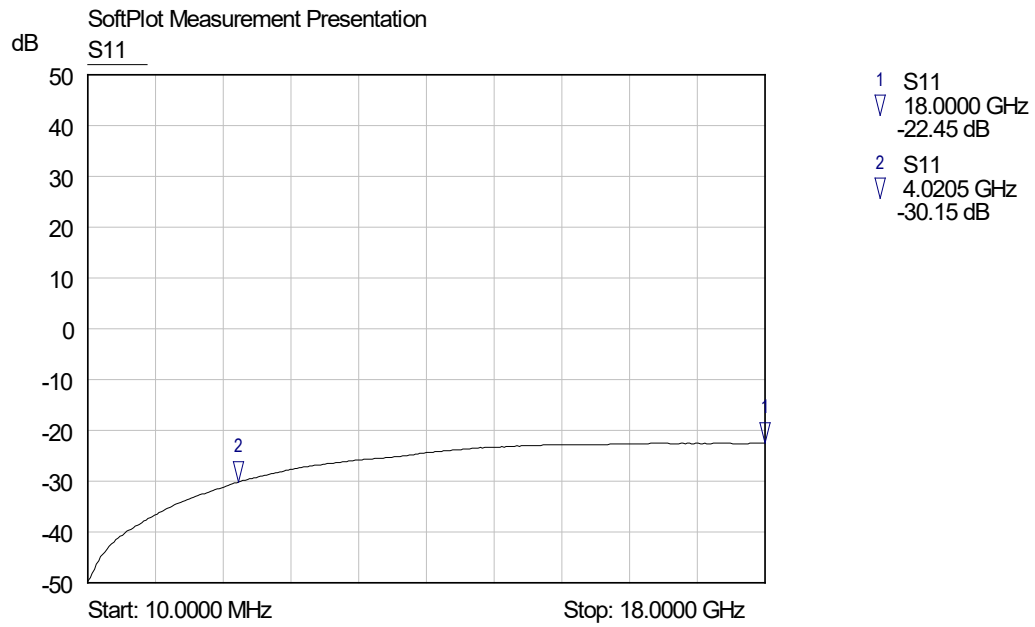
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA8500C-0000
<div data-bbox="167 380 566 425" style="border: 1px solid black; padding: 2px;">Interface</div> <p data-bbox="167 436 383 470">MIL-STD-348B</p> <p data-bbox="167 481 1005 515">Mechanically compatible with 2.92 &amp; 3.5</p>	
<div data-bbox="167 548 566 593" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p data-bbox="167 604 909 638">Impedance 50Ω</p> <p data-bbox="167 649 1037 683">Frequency range DC to 18GHz</p> <p data-bbox="167 694 1149 728">VSWR ≤ 1.2 (DC to 18GHz)</p> <p data-bbox="167 739 1149 772">Insertion loss ≤ 0.04 x √f(GHz) dB</p> <p data-bbox="167 784 1005 817">Insulation resistance ≥ 5000MΩ</p> <p data-bbox="167 828 941 862">Contact resistance inner conductor ≤ 3mΩ</p> <p data-bbox="167 873 941 907">Contact resistance outer conductor ≤ 2mΩ</p> <p data-bbox="167 918 1005 952">Dielectric withstanding voltage (at sea level) 1500 V rms</p> <p data-bbox="167 963 1005 996">Working voltage (at sea level) 500 V rms</p>	
<div data-bbox="167 1086 566 1131" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p data-bbox="167 1142 989 1176">Recommended coupling nut torque 4 inch lbs</p> <p data-bbox="167 1187 1005 1220">Coupling proof torque 5.3 inch lbs</p> <p data-bbox="167 1232 973 1265">Contact Captivation-axial ≥ 6.1 lbs</p> <p data-bbox="167 1276 925 1310">Durability (mating) ≥ 100</p>	
<div data-bbox="167 1400 566 1444" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p data-bbox="167 1456 1085 1489">Temperature range -65°C to +165°C</p> <p data-bbox="167 1500 1420 1534">Thermal shock MIL-STD-202, Method 107, Condition B</p> <p data-bbox="167 1545 1228 1579">Moisture resistance MIL-STD-202, Method 106</p> <p data-bbox="167 1590 1420 1624">Corrosion MIL-STD-202, Method 101, Condition B</p> <p data-bbox="167 1635 989 1668">RoHS Compliant</p>	
<div data-bbox="167 1747 566 1792" style="border: 1px solid black; padding: 2px;">Tooling</div>	

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# SMA8500C-0000

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