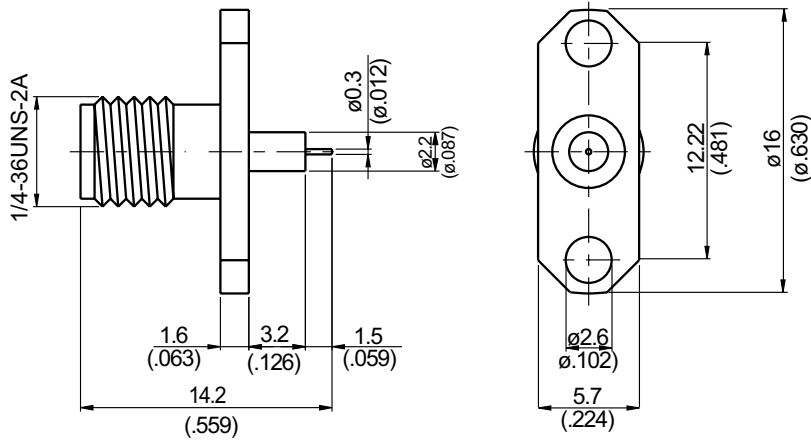
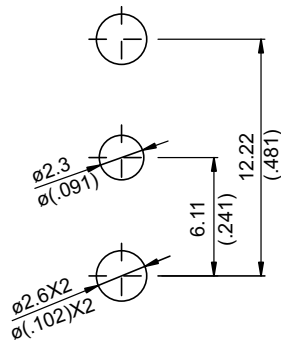


SMA862NS-0032

SMA Jack $\phi 16$ mm 2 Hole Flange With Round Contact ($\phi 0.3$;L=1.5), PTFE L=3.2; 18GHz VSWR 1.2 50 Ω



MOUNTING HOLE :



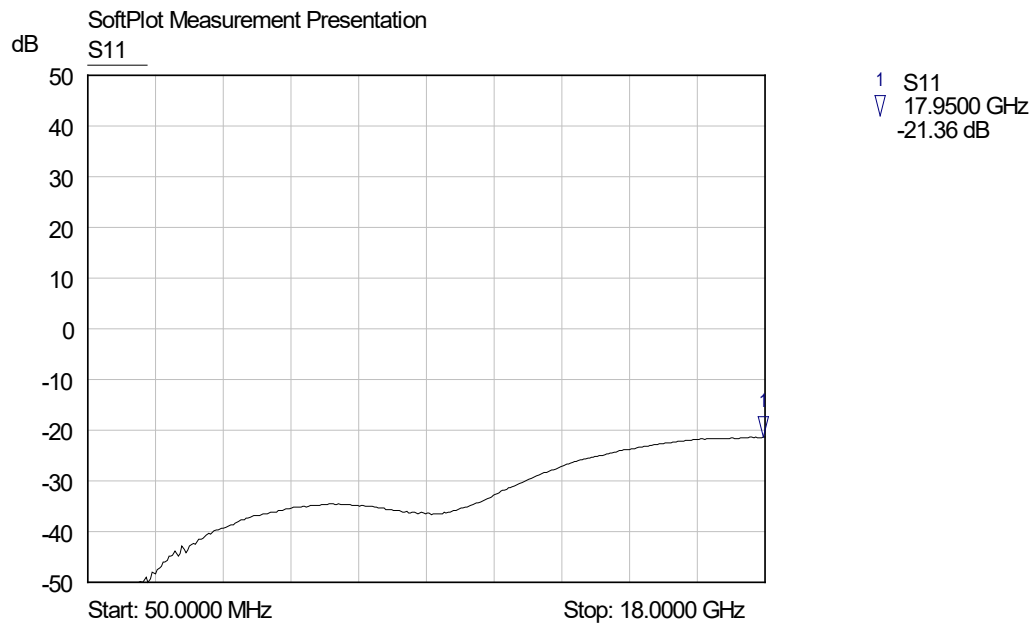
Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Stainless	Passivated

Weight: 1.96 g

SMA	SMA862NS-0032
<div data-bbox="167 344 568 392" style="border: 1px solid black; padding: 2px;">Interface</div> <p data-bbox="167 405 384 434">MIL-STD-348B</p> <p data-bbox="167 450 991 479">Mechanically compatible with 2.92 & 3.5</p>	
<div data-bbox="167 510 568 557" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p data-bbox="167 566 900 595">Impedance 50Ω</p> <p data-bbox="167 611 1031 640">Frequency range DC to 18GHz</p> <p data-bbox="167 656 1137 685">VSWR ≤ 1.2 (DC to 18GHz)</p> <p data-bbox="167 701 1129 730">Insertion loss $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB</p> <p data-bbox="167 745 995 775">Insulation resistance $\geq 5000\text{M}\Omega$</p> <p data-bbox="167 790 943 819">Contact resistance inner conductor $\leq 3\text{m}\Omega$</p> <p data-bbox="167 835 943 864">Contact resistance outer conductor $\leq 2\text{m}\Omega$</p> <p data-bbox="167 880 1007 909">Dielectric withstanding voltage (at sea level) 1500 V rms</p> <p data-bbox="167 925 986 954">Working voltage (at sea level) 500 V rms</p>	
<div data-bbox="167 1055 568 1102" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p data-bbox="167 1111 1062 1140">Recommended coupling nut torque 7 to 9.5 inch lbs</p> <p data-bbox="167 1155 991 1184">Coupling proof torque 15 inch lbs</p> <p data-bbox="167 1200 967 1229">Contact Captivation-axial ≥ 6.1 lbs</p> <p data-bbox="167 1245 927 1274">Durability (mating) ≥ 500</p>	
<div data-bbox="167 1411 568 1458" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p data-bbox="167 1467 1075 1496">Temperature range -65°C to +165°C</p> <p data-bbox="167 1512 1406 1541">Thermal shock MIL-STD-202, Method 107, Condition B</p> <p data-bbox="167 1556 1222 1585">Moisture resistance MIL-STD-202, Method 106</p> <p data-bbox="167 1601 1406 1630">Corrosion MIL-STD-202, Method 101, Condition B</p> <p data-bbox="167 1646 986 1675">RoHS Compliant</p>	
<div data-bbox="167 1762 568 1809" style="border: 1px solid black; padding: 2px;">Tooling</div>	

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