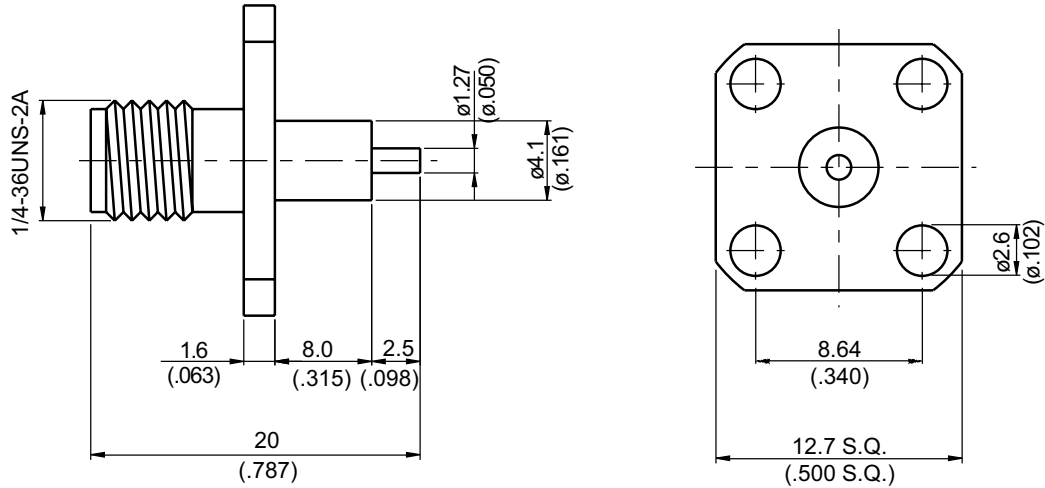
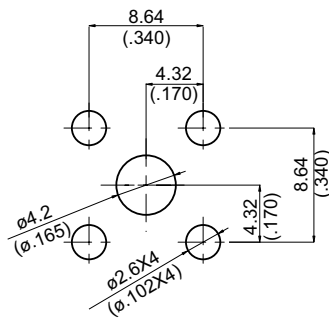


SMA864PN-0000

SMA Jack SQ 12.7mm 4 Hole Flange With Round Contact (Φ1.27;L=2.5); PTFE L=8; 18GHz VSWR 1.2 50Ω



MOUNTING HOLE :



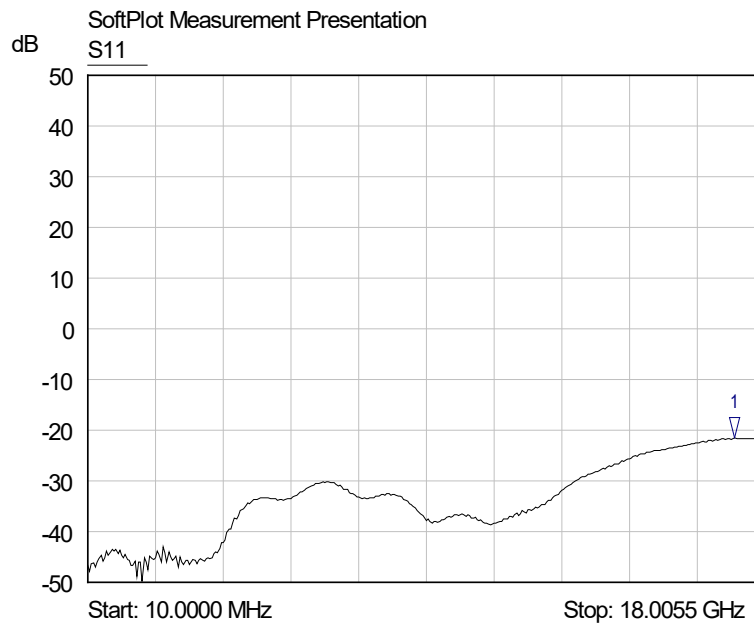
Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 2.82 g

SMA	SMA864PN-0000
<div data-bbox="172 387 571 432" style="border: 1px solid black; padding: 2px;">Interface</div> <p data-bbox="172 443 384 477">MIL-STD-348B</p> <p data-bbox="172 495 1007 528">Mechanically compatible with 2.92 & 3.5</p>	
<div data-bbox="172 555 571 600" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p data-bbox="172 607 916 640">Impedance 50Ω</p> <p data-bbox="172 656 1046 689">Frequency range DC to 18GHz</p> <p data-bbox="172 705 1153 739">VSWR ≤ 1.2 (DC to 18GHz)</p> <p data-bbox="172 754 1150 788">Insertion loss ≤ 0.04 x √f(GHz) dB</p> <p data-bbox="172 804 1010 837">Insulation resistance ≥ 5000MΩ</p> <p data-bbox="172 853 956 887">Contact resistance inner conductor ≤ 3mΩ</p> <p data-bbox="172 902 956 936">Contact resistance outer conductor ≤ 2mΩ</p> <p data-bbox="172 952 1019 985">Dielectric withstanding voltage (at sea level) 1500 V rms</p> <p data-bbox="172 1001 1019 1034">Working voltage (at sea level) 500 V rms</p>	
<div data-bbox="172 1093 571 1137" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p data-bbox="172 1144 991 1178">Recommended coupling nut torque 4 inch lbs</p> <p data-bbox="172 1193 1018 1227">Coupling proof torque 5.3 inch lbs</p> <p data-bbox="172 1243 983 1276">Contact Captivation-axial ≥ 6.1 lbs</p> <p data-bbox="172 1292 943 1326">Durability (mating) ≥ 100</p>	
<div data-bbox="172 1406 571 1451" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p data-bbox="172 1458 1091 1491">Temperature range -65°C to +165°C</p> <p data-bbox="172 1507 1422 1541">Thermal shock MIL-STD-202, Method 107, Condition B</p> <p data-bbox="172 1556 1236 1590">Moisture resistance MIL-STD-202, Method 106</p> <p data-bbox="172 1606 1422 1639">Corrosion MIL-STD-202, Method 101, Condition B</p> <p data-bbox="172 1655 1002 1688">RoHS Compliant</p>	
<div data-bbox="172 1753 571 1798" style="border: 1px solid black; padding: 2px;">Tooling</div>	

SMA864PN-0000

S11



1 S11
▽ 17.2057 GHz
-21.55 dB

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