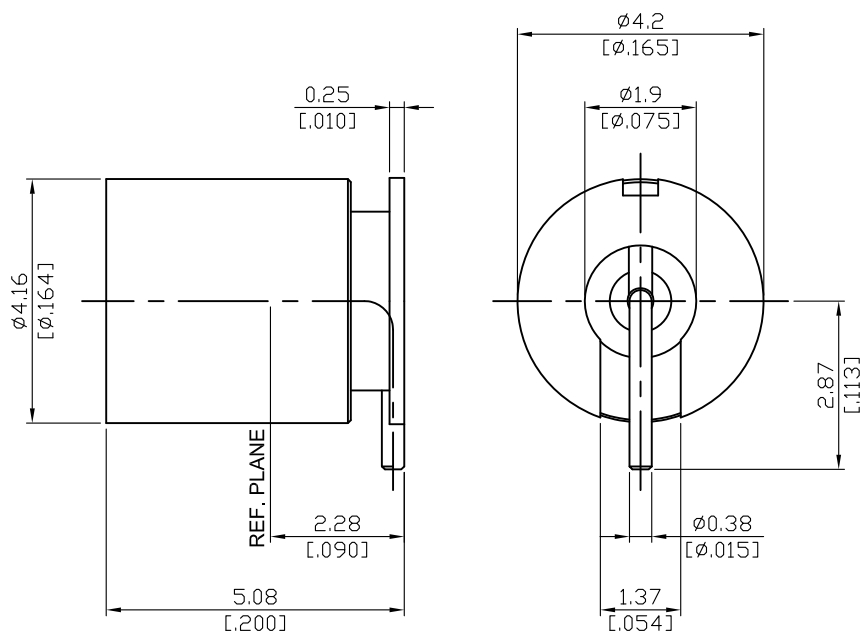


SMP34SB-9PIN

SMP Smooth Bore Plug PCB Surface Mount
With Right Angle Pin, 18GHz VSWR 1.2

50Ω

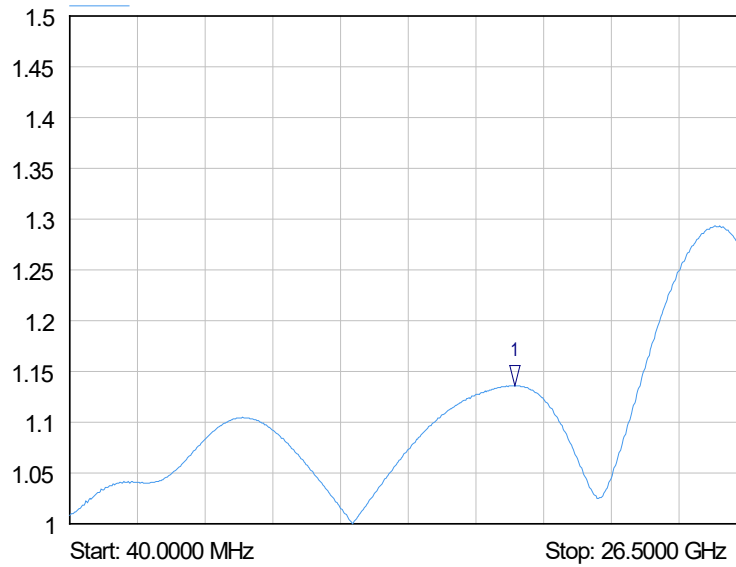


Parts	Material	Plating (Micro-inch)
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	PEI	
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

SMP	SMP34SB-9PIN																											
<div>Interface</div> <div>MIL-STD-348B</div>																												
<div>Electrical Data</div> <div><div>Impedance</div><div>Frequency range</div><div>VSWR</div><div>Insertion loss</div><div>Insulation resistance</div><div>Contact resistance inner conductor</div><div>Contact resistance outer conductor</div><div>Dielectric withstanding voltage (at sea level)</div><div>Working Voltage (at sea level)</div><div>RF-Leakage</div></div> <div><div>50Ω</div><div>DC to 18GHz</div><div>≤ 1.2 (DC to 18GHz)</div><div>≤ .06 x √f(GHz) dB</div><div>≥ 5000 MΩ</div><div>≤ 6mΩ</div><div>≤ 2mΩ</div><div>500</div><div>335</div><div>≥ 80dB (3GHz); ≥ 65dB (3~26.5GHz)</div></div>																												
<div>Mechanical Data</div> <div><div><div><div>Engagement force</div><div>Disengagement force</div><div>Durability (mating)</div><div>Axial misalignment</div><div>Radial misalignment</div></div><div><table><tr><th>Full Detent</th><th>Limited Detent</th><th>Smooth bore & catchers mit</th><th></th></tr><tr><td>≤ 15</td><td>≤ 10</td><td>≤ 2</td><td>lbs</td></tr><tr><td>≥ 5</td><td>≥ 2</td><td>≥ 0.5</td><td>lbs</td></tr><tr><td>≥ 100</td><td>≥ 500</td><td>≥ 1000</td><td></td></tr><tr><td colspan="4">+ 0.00 / -0.25 (+.000 / -.010)</td></tr><tr><td colspan="4">±0.25 (0.010)</td></tr></table></div></div></div>					Full Detent	Limited Detent	Smooth bore & catchers mit		≤ 15	≤ 10	≤ 2	lbs	≥ 5	≥ 2	≥ 0.5	lbs	≥ 100	≥ 500	≥ 1000		+ 0.00 / -0.25 (+.000 / -.010)				±0.25 (0.010)			
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<div>Environmental Data</div> <div><div>Temperature range</div><div>Thermal shock</div><div>Moisture resistance</div><div>Corrosion</div><div>RoHS</div></div> <div><div>-40°C to +165°C</div><div>MIL-STD-202, Method 107, Condition B</div><div>MIL-STD-202, Method 106</div><div>MIL-STD-202, Method 101, Condition B</div><div>Compliant</div></div>																												
<div>Tooling</div>																												

SMP34SB-9PIN

SoftPlot Measurement Presentation
VSWR S22



1 S22
▽ 17.4400 GHz
1.14 VSWR

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