Features:
- Broad band, low noise, and high gain
- Low VSWR, unconditional stable
- Small size, low cost
- SMA female connector I/O
- Operating temperature -40°C to +75°C, storage temperature -55°C to +85°C

Electrical Specifications

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Units</th>
<th>Specifications</th>
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<tbody>
<tr>
<td>Frequency Range</td>
<td>GHz</td>
<td>Minimum</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.0</td>
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<tr>
<td>Noise Figure @+25°C</td>
<td>dB</td>
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<tr>
<td>P-1dB Compression Point</td>
<td>dBm</td>
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<tr>
<td>Nominal Gain @25°C</td>
<td>dB</td>
<td>13.5</td>
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<tr>
<td>Gain flatness over frequency</td>
<td>dB</td>
<td>+/-1.5</td>
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<tr>
<td>Gain Variation over Temperature</td>
<td>dB</td>
<td>+/-1.0</td>
</tr>
<tr>
<td>Input VSWR</td>
<td></td>
<td>1.7:1</td>
</tr>
<tr>
<td>Output VSWR</td>
<td></td>
<td>2.0:1</td>
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<tr>
<td>Spurious dBc</td>
<td>dBc</td>
<td></td>
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<tr>
<td>Operating Temperature</td>
<td>°C</td>
<td>-40.0</td>
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<tr>
<td>Survival Temperature</td>
<td>°C</td>
<td>-55.0</td>
</tr>
<tr>
<td>DC Power Supply Voltage</td>
<td>V</td>
<td>+9.0</td>
</tr>
<tr>
<td>DC Power Supply Current</td>
<td>mA</td>
<td>55.0</td>
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<tr>
<td>In/Out connectors</td>
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<td>SMA female</td>
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<tr>
<td>Size</td>
<td>inches</td>
<td>1.2x1.0x0.4</td>
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</tbody>
</table>

Mechanical Structure:

Note: All units in inches.