ELECTRICAL SPECIFICATION

<table>
<thead>
<tr>
<th>PARAMETERS</th>
<th>VALUE</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center Frequency</td>
<td>900</td>
<td>1800</td>
</tr>
<tr>
<td>Peak Gain, typ</td>
<td>-1.60</td>
<td>1.08</td>
</tr>
<tr>
<td>Bandwidth, typ</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>VSWR, max</td>
<td>3.0</td>
<td></td>
</tr>
<tr>
<td>Polarization</td>
<td>Linear</td>
<td></td>
</tr>
<tr>
<td>Azimuth Beamwidth</td>
<td>Omni-directional</td>
<td>-</td>
</tr>
<tr>
<td>Power, max</td>
<td>2.0</td>
<td></td>
</tr>
<tr>
<td>Impedance</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Operating Temperature Range</td>
<td>-40 ~  +105</td>
<td></td>
</tr>
</tbody>
</table>

MECHANICAL SPECIFICATION

Pin Connections:
B: Feed termination
A,C,D,E,F: Solder termination

<table>
<thead>
<tr>
<th>DIMENSIONS (mm)</th>
<th>L</th>
<th>W</th>
<th>T</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dim. (mm)</td>
<td>12.00±0.50</td>
<td>4.40±0.50</td>
<td>1.20±0.30</td>
<td>0.80±0.30</td>
<td>1.00±0.30</td>
<td>0.80±0.30</td>
<td>0.80±0.30</td>
<td>0.80±0.30</td>
<td>3.00±0.50</td>
</tr>
</tbody>
</table>
EVALUATION BOARD

RECOMMENDED SOLDERING PATTERN
FREQUENCY CHARACTERISTICS

Return Loss

RADIATION PATTERN