## Specifications:

<table>
<thead>
<tr>
<th>Frequency GHz</th>
<th>Insertion loss dB (max)</th>
<th>Isolation dB (min)</th>
<th>VSWR</th>
<th>Reverse Power Watts</th>
<th>Forward Power Watts</th>
<th>Operating Temp °C</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-10</td>
<td>0.6</td>
<td>20</td>
<td>1.25:1</td>
<td>10</td>
<td>10</td>
<td>room -55 to +85</td>
<td>MSSY</td>
</tr>
</tbody>
</table>

### Notes:
1. The device should be mounted on the steel (Kovar) carrier or base. The minimal thickness 1mm.
2. Plating: Gold
3. Tuning conductor (97In3Ag) optional location and configuration determined by customer.
4. Humidity 5 to 95% non-condensing.
5. Maximum temperature during welding process: +350°C @ 25 msec.

### Machined surfaces
- Flatness 0.025/mm, (0.001/ inch)
- Bend radius 0.8mm, (0.031" or 1/32")

### Tolerance Table Metric (inch)
(Unless otherwise stated):
- Hole diameter +/- 0.1mm, (+/- 0.004")
- Dimensions (w*l*h) +/- 0.3 mm, (+/- 0.015")
- Dimensions (Microstrip pad, Stripline Tab, +/- 0.1mm, (+/- 0.04")
- Dimensions (hole position) +/- 0.1mm, (+/- 0.04")

### Units:
- mm

### Not to scale