A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC voltage: 5V
3. Operating Temperature: -25°C to 85°C
4. Storage Temperature: -40°C to +85°C

B. CHARACTERISTICS:

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Min.</th>
<th>Typ.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center Frequency Fc</td>
<td>MHz</td>
<td>-</td>
<td>1560</td>
<td>-</td>
</tr>
<tr>
<td>Insertion Loss 1439 ~ 1441MHz</td>
<td>dB</td>
<td>-</td>
<td>3.2</td>
<td>4.6</td>
</tr>
<tr>
<td>Amplitude ripple (p-p) Fc ± 1MHz</td>
<td>dB</td>
<td>0.8</td>
<td></td>
<td>2.0</td>
</tr>
<tr>
<td>Rejection (referent to IL)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fc -120MHz</td>
<td>dB</td>
<td>30</td>
<td>45</td>
<td>-</td>
</tr>
<tr>
<td>Fc +120MHz</td>
<td>dB</td>
<td>30</td>
<td>45</td>
<td>-</td>
</tr>
</tbody>
</table>

Note: No matching network required for operation at 50Ω

C. MEASUREMENT CIRCUIT:

![Measurement Circuit Diagram]
D. FREQUENCY CHARACTERISTICS:

Transfer Function

![Graph of frequency characteristics](image)
E. OUTLINE DRAWING:

- B: Input
- E: Output
- A, C, D, F: Ground
- Unit: mm

F. PCB FOOTPRINT:
G. PACKING:

1. Reel Dimension

2. Tape Dimension

Direction of Feed
H. RECOMMENDED REFLOW PROFILE:

![Reflow Profile Graph]