A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC voltage: 5V
3. Operating Temperature: -25°C to +70°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL 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>159.0125</td>
<td>-</td>
</tr>
<tr>
<td>Insertion Loss IL min (reference level)</td>
<td>dB</td>
<td>-</td>
<td>1.85</td>
<td>2.8</td>
</tr>
<tr>
<td>Bandwidth BW -3dB</td>
<td>MHz</td>
<td>6.025</td>
<td>8.2</td>
<td>-</td>
</tr>
<tr>
<td>Absolute Attenuation (reference to IL min dB)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fc -50 ~ Fc -30MHz</td>
<td>dB</td>
<td>42</td>
<td>57</td>
<td>-</td>
</tr>
<tr>
<td>Fc -30 ~ Fc -15MHz</td>
<td>dB</td>
<td>36</td>
<td>43</td>
<td>-</td>
</tr>
<tr>
<td>Fc +30 ~ Fc +50MHz</td>
<td>dB</td>
<td>42</td>
<td>57</td>
<td>-</td>
</tr>
<tr>
<td>Source impedance Z_s</td>
<td>Ω</td>
<td>-</td>
<td>50</td>
<td>-</td>
</tr>
<tr>
<td>Load impedance Z_L</td>
<td>Ω</td>
<td>-</td>
<td>50</td>
<td>-</td>
</tr>
</tbody>
</table>

Note:
IL min is the minimum of the pass band attenuation. The center frequency Fc is the mean value of the upper and lower frequencies at the 3dB filter attenuation level relative to the IL min.

C. MEASUREMENT CIRCUIT:

HP Network analyzer

![Diagram of measurement circuit]
D. OUTLINE DRAWING:

7: Input  
2: Output  
1, 3, 4, 5, 6, 8, 9, 10: Ground  
Unit: mm  

E. PCB FOOTPRINT:
F. FREQUENCY CHARACTERISTICS:

![Graph 1](image1)

![Graph 2](image2)
G. PACKING:

1. REEL DIMENSION

[Diagram showing reel dimension with dimensions marked]

2. TAPE DIMENSION

[Diagram showing tape dimension with dimensions marked]
H. RECOMMENDED REFLOW PROFILE:

![Reflow Profile Graph](image-url)