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>1440</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Insertion Loss 1439 ~ 1441MHz</td>
<td>dB</td>
<td>2.9</td>
<td>4.6</td>
<td></td>
</tr>
<tr>
<td>Amplitude ripple (p-p) Fc ± 1MHz</td>
<td>dB</td>
<td>0.7</td>
<td>2.0</td>
<td></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:

```
HP Network analyzer

50Ω  B  SAW Filter  E  50Ω

A,C,D,F
```
D. FREQUENCY CHARACTERISTICS:

Transfer Function
SAW Filter 1440.0MHz
Model: TA0930A
Part No: MP02196
Rev No: 1

E. OUTLINE DRAWING:

F. PCB FOOTPRINT:
G. PACKING:

1. Reel Dimension

2. Tape Dimension

Direction of Feed
H. **RECOMMENDED REFLOW PROFILE:**

![Graph showing recommended reflow profile](image)