SAW Filter 428.0MHz
Part No: MP06985

Model: TA1651A
Rev No: 1

A. MAXIMUM RATING:

   Electrostatic Sensitive Device (ESD)

   1. Input Power Level: 10dBm
   2. DC voltage: 3V
   3. Operating Temperature: -40°C to +85°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>428</td>
<td>-</td>
</tr>
<tr>
<td>Insertion Loss (420 ~ 436MHz) IL</td>
<td>dB</td>
<td>-</td>
<td>2.0</td>
<td>3.5</td>
</tr>
<tr>
<td>Amplitude Ripple (420 ~ 436MHz)</td>
<td>dB</td>
<td>-</td>
<td>0.9</td>
<td>1.8</td>
</tr>
<tr>
<td>Attenuation (Reference level from 0dB)</td>
<td>dB</td>
<td>45</td>
<td>51</td>
<td>-</td>
</tr>
</tbody>
</table>
<pre><code> | 128 ~ 400MHz                 |      |      |      |      |
 | 470 ~ 728MHz                 |      |      |      |      |
</code></pre>
<p>| Temperature coefficient of frequency | ppm/k | -    | -36  | -    |</p>

C. MEASUREMENT CIRCUIT:

   HP Network analyzer

   ![Diagram](image_url)
D. OUTLINE DRAWING:

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

E. PCB FOOTPRINT:
F. FREQUENCY CHARACTERISTICS:

![Graph showing frequency characteristics of SAW Filter 428.0MHz](image)

**SAW Filter 428.0MHz**

**Model:** TA1651A

**Part No:** MP06985

**Rev No:** 1
G. PACKING:

1. Reel Dimension (Please refer to FR-75D10 for packing quantity)

2. Tape Dimension
H. RECOMMENDED REFLOW PROFILE:

![Graph showing recommended reflow profile for SAW Filter 428.0MHz Model: TA1651A Part No: MP06985 Rev No: 1](image)