SAW Filter: 265.0MHz  Model: TA1485A  
Part No: MP05535  Rev No: 1

**A. MAXIMUM RATING:**  
Electrostatic Sensitive Device (ESD)

1. Input Power Level: 10dBm
2. DC voltage: 5V
3. Operating Temperature: -30°C to +85°C
4. Storage Temperature: -55°C to +85°C

**B. ELECTRICAL CHARACTERISTICS:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Min.</th>
<th>Type.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center frequency Fc</td>
<td>MHz</td>
<td>265</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Insertion Loss (261 ~ 269MHz)</td>
<td>dB</td>
<td>2</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Ripple (261~269MHz)</td>
<td>dB</td>
<td>1.8</td>
<td>2.2</td>
<td></td>
</tr>
</tbody>
</table>

Absolute Attenuation: (Reference level from 0dB)

<table>
<thead>
<tr>
<th>Frequency Range</th>
<th>Unit</th>
<th>Min.</th>
<th>Type.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.3 ~ 250MHz</td>
<td>dB</td>
<td>35</td>
<td>54</td>
<td>-</td>
</tr>
<tr>
<td>290 ~ 650MHz</td>
<td>dB</td>
<td>35</td>
<td>45</td>
<td>-</td>
</tr>
<tr>
<td>Source impedance Zs</td>
<td>Ω</td>
<td>-</td>
<td>50</td>
<td>-</td>
</tr>
<tr>
<td>Load impedance Zl</td>
<td>Ω</td>
<td>-</td>
<td>50</td>
<td>-</td>
</tr>
</tbody>
</table>

**C. MEASUREMENT CIRCUIT:**

HP Network analyzer

![Circuit Diagram](image)
D. FREQUENCY CHARACTERISTICS:

1. Wideband response

![Wideband response graph]

2. Narrowband response

![Narrowband response graph]
E. OUTLINE DRAWING:

![Outline Drawing]

- #2: Input
- #6: Output
- #1,3,4,5,7,8: Ground
- Unit: mm

F. PCB FOOTPRINT:

![PCB Footprint]

- Dimensions and labels as shown in the diagram.
G. PACKING:

1. Reel dimension (Reel Count: 7” = 1k pcs, 13” = 3k, or per the customer’s requirement)

![Reel Dimension Diagram]

2. Tape dimension

![Tape Dimension Diagram]
H. RECOMMENDED REFLOW PROFILE:

![Recommended Reflow Profile Graph](image-url)