SAW Filter: 772.0MHz  
Model: TA1641A  
Part No: MP06264  
Rev No: 1

A. MAXIMUM RATING:

Electrostatic Sensitive Device (ESD)

1. Input Power Level: 20dBm
2. DC Voltage: 3V
3. Operating Temperature: -30°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>722</td>
<td>-</td>
</tr>
<tr>
<td>Insertion Loss (768 ~ 776MHz) IL</td>
<td>dB</td>
<td>-</td>
<td>2.8</td>
<td>3.8</td>
</tr>
<tr>
<td>Amplitude Ripple (768 ~ 776 MHz)</td>
<td>dB</td>
<td>-</td>
<td>0.4</td>
<td>2.2</td>
</tr>
<tr>
<td>Attenuation (Reference level from 0dB)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DC ~ 754MHz</td>
<td>dB</td>
<td>35</td>
<td>50</td>
<td>-</td>
</tr>
<tr>
<td>754 ~ 756MHz</td>
<td>dB</td>
<td>22</td>
<td>47</td>
<td>-</td>
</tr>
<tr>
<td>788 ~ 890MHz</td>
<td>dB</td>
<td>11</td>
<td>24</td>
<td>-</td>
</tr>
<tr>
<td>890 ~ 1500MHz</td>
<td>dB</td>
<td>35</td>
<td>57</td>
<td>-</td>
</tr>
<tr>
<td>Temperature Coefficient of Frequency</td>
<td>ppm/°C</td>
<td>-</td>
<td>-36</td>
<td>-</td>
</tr>
</tbody>
</table>
C. MEASUREMENT CIRCUIT:

HP Network analyzer

![Measurement Circuit Diagram]

D. OUTLINE DRAWING:

![Outline Drawing Diagram]

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

E. PCB FOOTPRINT:

![PCB Footprint Diagram]
F. FREQUENCY CHARACTERISTICS:

**Graph 1:**
- Frequency: 772.0 MHz
- Model: TA1641A
- Part No: MP06264
- Rev No: 1

**Graph 2:**
- Frequency: 754.0 MHz
- Model: TA1641A
- Part No: MP06264
- Rev No: 1
G. PACKING:

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

2. Tape Dimension

Direction of Feed
H. RECOMMENDED REFLOW PROFILE: