SAW Filter: 352.0MHz
Part No: MP05441

Model: TA1528A
Rev No: 2

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>352</td>
<td>-</td>
</tr>
<tr>
<td>Insertion Loss (351.5 ~ 352.5MHz) IL</td>
<td>dB</td>
<td>-</td>
<td>1.9</td>
<td>3.6</td>
</tr>
<tr>
<td>Amplitude Ripple (351.5 ~ 352.5MHz)</td>
<td>dB</td>
<td>-</td>
<td>0.2</td>
<td>2.1</td>
</tr>
<tr>
<td>VSWR (351.5 ~ 352.5MHz)</td>
<td>-</td>
<td>-</td>
<td>1.4</td>
<td>2.1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Attenuation (Reference level from 0dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 ~ 296MHz</td>
</tr>
<tr>
<td>296 ~ 305MHz</td>
</tr>
<tr>
<td>305 ~ 340MHz</td>
</tr>
<tr>
<td>393 ~ 600MHz</td>
</tr>
</tbody>
</table>

C. MEASUREMENT CIRCUIT:

HP Network analyzer

[Diagram]

SAW Filter

50Ω

50Ω

1, 3, 4, 5, 7, 8
SAW Filter: 352.0MHz  Model: TA1528A  Part No: MP05441  Rev No: 2

D. OUTLINE DRAWING:

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

E. PCB FOOTPRINT:
F. FREQUENCY CHARACTERISTICS:

![Graph of frequency characteristics for a SAW Filter model TA1528A, Part No: MP05441, Rev No: 2.](image)
Reflection Functions

S11

S22
G. PACKING:

1. Reel Dimension

(Reel Count: 7” = 1000; 13”=3000)

(Please refer to FR-75D10 for packing quantity)

2. Tape Dimension
H. RECOMMENDED REFLOW PROFILE: