SAW Filter 1472.0MHz
Model: TA0567B
Part No: MP09702
Rev No: 1

A. MAXIMUM RATING:

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Electrostatic Sensitive Device (ESD)</td>
<td></td>
</tr>
</tbody>
</table>

1. Input Power Level: 10 dBm
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>1472</td>
<td>-</td>
</tr>
<tr>
<td>Insertion Loss (1452 ~ 1492MHz) IL</td>
<td>dB</td>
<td>-</td>
<td>3.5</td>
<td>5</td>
</tr>
<tr>
<td>Amplitude Ripple (1452 ~ 1492MHz)</td>
<td>dB</td>
<td>-</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

C. MEASUREMENT CIRCUIT:

HP Network analyzer

![Circuit Diagram]

SAW Filter

A, C, D, F
SAW Filter 1472.0MHz  
Model: TA0567B  
Part No: MP09702  
Rev No: 1

D. OUTLINE DRAWING:

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

E. PCB FOOTPRINT:
F. FREQUENCY CHARACTERISTICS:

[Graph showing frequency characteristics]
SAW Filter 1472.0MHz
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Rev No: 1

Reflections Functions

S11 VSWR

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TA0567B v1
SAW Filter 1472.0MHz
Model: TA0567B
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Rev No: 1

S22 VSWR

[Graph showing S22 VSWR measurements]
G. PACKING:

1. Reel Dimension

2. Tape Dimension
H. RECOMMENDED REFLOW PROFILE:

![Graph showing recommended reflow profile with temperature in degrees Celsius on the y-axis and time in seconds on the x-axis. The graph peaks at around 260 degrees Celsius and drops back to 20 degrees Celsius.]