SAW Filter 2650.0MHz Model: TA0545A
Part No: MA08671
REV. NO.: 2

A. MAXIMUM RATING:
1. Input Power Level: 10 dBm
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -30°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>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center Frequency</td>
<td>MHz</td>
<td>-</td>
<td>2650</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Insertion Loss (2615 ~ 2685 MHz)</td>
<td>dB</td>
<td>-</td>
<td>2</td>
<td>3.5</td>
<td>-</td>
</tr>
<tr>
<td>Amplitude Ripple (2615 ~ 2685 MHz)</td>
<td>dB</td>
<td>-</td>
<td>0.9</td>
<td>2.5</td>
<td>-</td>
</tr>
<tr>
<td>VSWR (2615 ~ 2685 MHz)</td>
<td></td>
<td>-</td>
<td>1.6</td>
<td>2.3</td>
<td>-</td>
</tr>
</tbody>
</table>

Relative Attenuation (relative to 0 dB)

| D.C. ~ 2300 MHz                           | dB   | 23   | 27.5  | -    | -    |
| 2300 ~ 2500 MHz                           | dB   | 25   | 32    | -    | -    |
| 2800 ~ 4000 MHz                           | dB   | 30   | 34    | -    | -    |
| 4000 ~ 5000 MHz                           | dB   | 20   | 32    | -    | -    |

C. MEASUREMENT CIRCUIT:

HP Network analyzer

![Diagram](image-url)
SAW Filter 2650.0MHz
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D. OUTLINE DRAWING:

![Outline Drawing]

E. PCB FOOTPRINT:

![PCB Footprint]
F. FREQUENCY CHARACTERISTICS:

[Graph showing frequency characteristics with markers at specific frequencies and levels.]
SAW Filter 2650.0MHz
Part No: MA08671

Reflection Functions:

S11 VSWR

S22 VSWR
G. PACKING:

1. REEL DIMENSION

2. TAPE DIMENSION
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H. RECOMMENDED REFLOW PROFILE: