SAW Filter 81.0MHz
Part No: MP01100

Model: TB0646A
REV. NO.: 1

A. MAXIMUM RATING:
1. Storage Temperature: -40°C to 85°C
2. Operating Temperature: -20°C to 70°C

B. 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>81</td>
<td>-</td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>dB</td>
<td>-</td>
<td>19.7</td>
<td>25</td>
</tr>
<tr>
<td>Passband Variation 54 to 108 MHz</td>
<td>MHz</td>
<td>-</td>
<td>1.0</td>
<td>3.0</td>
</tr>
<tr>
<td>Relative Attenuation at 42 MHz</td>
<td>dB</td>
<td>10</td>
<td>46</td>
<td>-</td>
</tr>
<tr>
<td>Relative Attenuation at 114 MHz</td>
<td>dB</td>
<td>10</td>
<td>40</td>
<td>-</td>
</tr>
<tr>
<td>Temp Coefficient</td>
<td>ppm/K</td>
<td>-</td>
<td>-76</td>
<td>-</td>
</tr>
</tbody>
</table>
C. FREQUENCY CHARACTERISTICS:

Wideband Response (span 150MHz)

Passband Response (span 60MHz)
D. OUTLINE DRAWING:

Pin K: RF input
Pin E: RF output
Pin A, B, C, D, F, G, H, I, J, L: To be Ground

E. MATCHING CIRCUIT:
50 Ohm single ended Input - 50 Ohm single ended Output

L1=27 nH; L2=27nH L3=180 nH; L4=180nH
F. PCB FOOTPRINT:

Unit: mm
G. PACKING:

1. REEL DIMENSION

2. TAPE DIMENSION

Unit: mm