SAW Filter 351.0MHz  
Part No: MP01103

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>Type.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center frequency, $F_c$</td>
<td>MHz</td>
<td>-</td>
<td>351</td>
<td>-</td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>dB</td>
<td>-</td>
<td>15.3</td>
<td>16.5</td>
</tr>
<tr>
<td>Passband Variation</td>
<td>MHz</td>
<td>-</td>
<td>1.1</td>
<td>3</td>
</tr>
<tr>
<td>Relative Attenuation at 262MHz</td>
<td>dB</td>
<td>20</td>
<td>52</td>
<td>-</td>
</tr>
<tr>
<td>Relative Attenuation at 402MHz</td>
<td>dB</td>
<td>-</td>
<td>25</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 300MHz)

Passband Response: (span 100MHz)
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D. OUTLINE DRAWING:

Pin 1 – Input
Pin 2 – Input Ground
Pin 5 – Output
Pin 6 – Output Ground
Pin 3,4,7,8 – Ground

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

F. PCB Footprint:

L1=36nH; L2=36nH; C1=8pF; C2=8pF
G. PACKING:
1. REEL DIMENSION:

![Reel Dimension Diagram](image1)

2. TAPE DIMENSION:

![Tape Dimension Diagram](image2)