SAW Filter 159.0MHz
Part No: MP01101

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, Fc</td>
<td>MHz</td>
<td>-</td>
<td>159</td>
<td>-</td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>dB</td>
<td>-</td>
<td>20</td>
<td>23</td>
</tr>
<tr>
<td>Passband Variation</td>
<td>MHz</td>
<td>-</td>
<td>0.8</td>
<td>3</td>
</tr>
<tr>
<td>Relative Attenuation</td>
<td>dB</td>
<td>20</td>
<td>50</td>
<td>-</td>
</tr>
<tr>
<td>Relative Attenuation</td>
<td>dB</td>
<td>-</td>
<td>21</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)
SAW Filter 159.0MHz  
Model: TB0647A  
Part No: MP01101  
REV. NO.: 1

D. OUTLINE DRAWING:

Pin J –RF input 
Pin D –RF output 

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

L1=47nH;L2=39nH;C1=39pF
F. PACKING:
1. REEL DIMENSION

2. TAPE DIMENSION