366.50MHz SAW Filter

Part No: MA08949

Model: TB0489A

REV NO.: 1

A. MAXIMUM RATING:

1. Operating Temperature: -20 °C ~ 70 °C
2. Storage Temperature: -40 °C ~ +85 °C

B. CHARACTERISTICS:

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Value</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Min.</td>
<td>Typ.</td>
</tr>
<tr>
<td>Center frequency FC</td>
<td>MHz</td>
<td>-</td>
</tr>
<tr>
<td>Minimum Insertion loss I.L.</td>
<td>dB</td>
<td>-</td>
</tr>
<tr>
<td>3dB BW</td>
<td>MHz</td>
<td>23</td>
</tr>
<tr>
<td>Amplitude Ripple (FC ±10.5MHz)</td>
<td>dB</td>
<td>-</td>
</tr>
<tr>
<td>Relative Rejection (Reference to Minimum Insertion loss)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F_C ± 33.5MHz</td>
<td>dB</td>
<td>30</td>
</tr>
<tr>
<td>F_C ± 55.5MHz</td>
<td>dB</td>
<td>45</td>
</tr>
<tr>
<td>Temp Coefficient</td>
<td>ppm/K</td>
<td>-</td>
</tr>
</tbody>
</table>

Matching:
1. The input of the filter will be matched to 50 ohm
2. The output of the filter will be matched to 50 ohm
C. FREQUENCY CHARACTERISTICS:

(1) S21 Response: (span 200MHz)

(2) Passband of Response: (span: 40MHz)
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D. TEST CIRCUIT:

![Test Circuit Diagram]

L1=27nH, C1=18pF, L2=10nH, C2=10pF

E. OUTLINE DRAWING:

![Outline Drawing]

Pin 1: RF input
Pin 5: RF output
Pin 4,8: Case Ground
Pin 2,3,6,7: Ground
Unit: mm
366.50MHz SAW Filter
Part No: MA08949

F. PACKING:
1. REEL DIMENSION

2. TAPE DIMENSION