SAW 225 MHz Ultra wide Delay Line
Bandwidth 250 MHz
Part Number A149-225M1

PRELIMINARY DATA

Typical performance

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>Min</th>
<th>Typ</th>
<th>Max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central frequency</td>
<td>MHz</td>
<td>-</td>
<td>225</td>
<td>-</td>
</tr>
<tr>
<td>Inserted loss (unmatched)</td>
<td>dB</td>
<td>-</td>
<td>36</td>
<td>38</td>
</tr>
<tr>
<td>Bandwidth edge @-4dB</td>
<td>MHz</td>
<td>100</td>
<td>-</td>
<td>350</td>
</tr>
<tr>
<td>Delay</td>
<td>nsec</td>
<td>6775</td>
<td>6800</td>
<td>6815</td>
</tr>
<tr>
<td>Amplitude ripple (100-350MHz bandwidth)</td>
<td>dB</td>
<td>-</td>
<td>3.0</td>
<td>4.0</td>
</tr>
<tr>
<td>Group Delay Ripple</td>
<td>nsec</td>
<td>-</td>
<td>20</td>
<td>-</td>
</tr>
<tr>
<td>Substrate</td>
<td></td>
<td>128 “Black” LNO</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature range</td>
<td>°C</td>
<td>-35</td>
<td>22</td>
<td>85</td>
</tr>
</tbody>
</table>

Notes:
1. The design, manufacturing process, and specifications of this filter are subject to change.

Case

SIEMENS DIP24
Mass approx.10.4g

Matching

Matching required