SAW Filter 925.0MHz
Part No: MP01323
Model: TA0463A
REV NO.:1

A. MAXIMUM RATING:
1. Input Power Level: 10 dBm
2. DC voltage: 5 V
3. Operating Temperature: -20°C to 75°C
4. Storage Temperature: -40°C to +85°C

B. CHARACTERISTICS:

<table>
<thead>
<tr>
<th>Item</th>
<th>Min.</th>
<th>Typ.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center frequency</td>
<td>-</td>
<td>925</td>
<td>-</td>
</tr>
<tr>
<td>Insertion loss 922 ~ 928 MHz IL (dB)</td>
<td>-</td>
<td>2.9</td>
<td>4.2</td>
</tr>
<tr>
<td>Amplitude ripple 922 ~ 928 MHz (dB)</td>
<td>-</td>
<td>0.4</td>
<td>2.0</td>
</tr>
<tr>
<td>Attenuation (Reference level from 0dB)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>775 ~ 835 MHz (dB)</td>
<td>40</td>
<td>54</td>
<td>-</td>
</tr>
<tr>
<td>835 ~ 895 MHz (dB)</td>
<td>36</td>
<td>54</td>
<td>-</td>
</tr>
<tr>
<td>970 ~ 992 MHz (dB)</td>
<td>36</td>
<td>51</td>
<td>-</td>
</tr>
<tr>
<td>992 ~ 1075 MHz (dB)</td>
<td>38</td>
<td>52</td>
<td>-</td>
</tr>
<tr>
<td>Source impedance Zs (Ω)</td>
<td>-</td>
<td>50</td>
<td>-</td>
</tr>
<tr>
<td>Load impedance ZL (Ω)</td>
<td>-</td>
<td>50</td>
<td>-</td>
</tr>
</tbody>
</table>

Note1. No matching network required for operation at 50Ω
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C. TRANSFER FUNCTION:

Wideband
SAW Filter 925.0MHz
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D. MEASUREMENT CIRCUIT:

HP Network analyzer

50Ω  2  SAW Filter  6  50Ω
1, 3, 4, 5, 7, 8

E. OUTLINE DRAWING:

2: Input
6: Output
1, 3, 4, 5, 7, 8: Ground
Unit: mm

F. PCB FOOTPRINT:
G. PACKING:

1. REEL DIMENSION

![Diagram of Reel Dimension]

2. TAPE DIMENSION

![Diagram of Tape Dimension]

Direction of Feed