SAW Filter 426.1MHz  
Model: TA0192A  
Part No: MA07760  
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC voltage: 0V
3. Operating Temperature: -10°C to +60°C
4. Storage Temperature: -20°C to +75°C

B. ELECTRICAL CHARACTERISTICS:

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Min.</th>
<th>Typ.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center frequency $F_c$ (dB)</td>
<td>-</td>
<td>426.1</td>
<td>-</td>
</tr>
<tr>
<td>Insertion loss (within 426.012 ~ 426.150MHz) $I_L$ (dB)</td>
<td>-</td>
<td>2.5</td>
<td>3.5</td>
</tr>
<tr>
<td>Ripple Deviation (p-p) (within 426.012 ~ 426.150MHz) (dB)</td>
<td>-</td>
<td>0.1</td>
<td>1.5</td>
</tr>
<tr>
<td>Absolute Attenuation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Within 382.012 ~ 384.150MHz (dB)</td>
<td>50.0</td>
<td>68.0</td>
<td>-</td>
</tr>
<tr>
<td>Within 468.012 ~ 470.150MHz (Plus Image Frequency) (dB)</td>
<td>50.0</td>
<td>68.0</td>
<td>-</td>
</tr>
<tr>
<td>Source impedance $Z_S$ ($\Omega$)</td>
<td>-</td>
<td>53 - j 29.44</td>
<td>-</td>
</tr>
<tr>
<td>Load impedance $Z_L$ ($\Omega$)</td>
<td>-</td>
<td>53 - j 29.44</td>
<td>-</td>
</tr>
</tbody>
</table>

Note 1: The standard definitions is in JIS C 6703

Note 2: 

![Source impedance and Load impedance diagrams]

$Z_{IN} = 53 - j 29.44$  
$Z_{OUT} = 53 - j 29.44$
C. MEASUREMENT CIRCUIT:

HP Network analyzer

D. OUTLINE DRAWING:
E. FREQUENCY CHARACTERISTICS:
F. PACKING:

1. REEL DIMENSION

![Reel Dimension Diagram]

2. TAPE DIMENSION

![Tape Dimension Diagram]