A. MAXIMUM RATING:

1. Operating Temperature: 35°C ~ +75°C
2. Storage Temperature: -40°C ~ +85°C

B. CHARACTERISTICS:

Balanced to Balanced operation
Terminating source impedance: $Z_S = 200\Omega$
Terminating load impedance: $Z_L = 200\Omega$

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Min.</td>
</tr>
<tr>
<td>Center frequency $F_c$</td>
<td>-</td>
</tr>
<tr>
<td>Insertion loss $1212.88 ~ 1220.88MHz$ IL</td>
<td>-</td>
</tr>
<tr>
<td>Ripple $1212.88 ~ 1220.88MHz$</td>
<td>-</td>
</tr>
<tr>
<td>Bandwidth BW -3dB</td>
<td>19.6</td>
</tr>
</tbody>
</table>

Attenuation: (Reference level from 0dB)

<table>
<thead>
<tr>
<th></th>
<th>Min.</th>
<th>Typ.</th>
<th>Max.</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 $F_c$ -91MHz</td>
<td>51</td>
<td>57</td>
<td>-</td>
<td>dB</td>
</tr>
<tr>
<td>$F_c$ -91 $F_c$ -85MHz</td>
<td>51</td>
<td>57</td>
<td>-</td>
<td>dB</td>
</tr>
<tr>
<td>$F_c$ -76 $F_c$ -68MHz</td>
<td>50</td>
<td>56</td>
<td>-</td>
<td>dB</td>
</tr>
<tr>
<td>$F_c$ -88MHz</td>
<td>51</td>
<td>57</td>
<td>-</td>
<td>dB</td>
</tr>
<tr>
<td>$F_c$ -72MHz</td>
<td>50</td>
<td>56</td>
<td>-</td>
<td>dB</td>
</tr>
<tr>
<td>$F_c$ -44MHz</td>
<td>50</td>
<td>56</td>
<td>-</td>
<td>dB</td>
</tr>
<tr>
<td>$F_c$ -36MHz</td>
<td>47</td>
<td>56</td>
<td>-</td>
<td>dB</td>
</tr>
<tr>
<td>$F_c$ +60 2000MHz</td>
<td>48</td>
<td>54</td>
<td>-</td>
<td>dB</td>
</tr>
<tr>
<td>Group delay ripple ($1212.88 ~ 1220.88MHz$)</td>
<td>-</td>
<td>14</td>
<td>-</td>
<td>ns</td>
</tr>
</tbody>
</table>

C. MEASUREMENT CIRCUIT:
D. FREQUENCY CHARACTERISTICS:

Sdd21 Response
SAW Filter 1216.880MHz  
Model: TA0355A  
Part No: MA08278  
Rev No: 2

E. OUTLINE DRAWING:

![Outline Drawing]

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

F. PCB FOOTPRINT:

![PCB Footprint]
G. PACKING:

1. REEL DIMENSION

2. TAPE DIMENSION

Direction of Feed