SAW Filter 290.0MHz  
Part No: MP01557

A. MAXIMUM RATING:
1. Input Power Level: 5 dBm
2. DC voltage: 3 V
3. Operating Temperature: -10°C to +50°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

<table>
<thead>
<tr>
<th>Item</th>
<th>Min.</th>
<th>Typ.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center frequency FC</td>
<td>-</td>
<td>290</td>
<td>-</td>
</tr>
<tr>
<td>I.L. (Within FC± 3.5MHz)</td>
<td>-</td>
<td>2.7</td>
<td>4.5</td>
</tr>
<tr>
<td>Ripple (Within FC ± 3.5MHz)</td>
<td>-</td>
<td>0.7</td>
<td>2.0</td>
</tr>
<tr>
<td>Attenuation: (Reference level from 0 dB)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FC - 100MHz to -37.5MHz</td>
<td>40</td>
<td>54</td>
<td>-</td>
</tr>
<tr>
<td>FC +37.5MHz to +100MHz</td>
<td>40</td>
<td>64</td>
<td>-</td>
</tr>
</tbody>
</table>

C. MEASUREMENT CIRCUIT:

Network analyzer

![Network analyzer diagram](image-url)
D. TRANSFER FUNCTION:

[Graphs showing frequency response with labels and values]
E. OUTLINE DRAWING:

![Outline Drawing]

- #1: Input
- #4: Output
- #2, #3: Ground
- Unit: mm

F. RECOMMENDED REFLOW PROFILE:

![Reflow Profile Graph]