SAW Filter 1932.50MHz
Model: TA0742A
Part No: MP04389
Rev No: 1

A. MAXIMUM RATING:

1. Input Power Level: 10dBm
2. DC Voltage: 3V
3. Operating Temperature: -20°C to +70°C
4. Storage Temperature: -40°C to +85°C

B. ELECTRICAL CHARACTERISTICS:

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>Min.</th>
<th>Typ.</th>
<th>Max.</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center Frequency Fc</td>
<td>MHz</td>
<td>-</td>
<td>1932.5</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Insertion Loss (1925 ~ 1940MHz) IL</td>
<td>dB</td>
<td>-</td>
<td>1.7</td>
<td>3</td>
<td>-</td>
</tr>
<tr>
<td>Amplitude Ripple (1925 ~ 1940MHz)</td>
<td>dB</td>
<td>-</td>
<td>0.2</td>
<td>1.3</td>
<td>-</td>
</tr>
<tr>
<td>VSWR (1925 ~ 1940MHz)</td>
<td></td>
<td>-</td>
<td>1.3</td>
<td>2.5</td>
<td>-</td>
</tr>
<tr>
<td>Attenuation (Reference level from 0dB)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1700 ~ 1860MHz</td>
<td>dB</td>
<td>33</td>
<td>36</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1985 ~ 2100MHz</td>
<td>dB</td>
<td>35</td>
<td>42</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

C. MEASUREMENT CIRCUIT:

HP Network analyzer

[Diagram of the measurement circuit]

---

TA0742A v1
D. OUTLINE DRAWING:

E. PCB FOOTPRINT:
F. FREQUENCY CHARACTERISTICS:

![Frequency Characteristics Graph]

SAW Filter 1932.50MHz
Part No: MP04389
Model: TA0742A
Rev No: 1

Golledge Electronics Ltd
Eaglewood Park, ILMINSTER
Somerset, TA19 9DQ, UK

Tel: +44 1460 256 100
Fax: +44 1460 256 101
www.golledge.com
Reflection Functions

S11

SAW Filter 1932.50MHz
Part No: MP04389
Model: TA0742A
Rev No: 1
SAW Filter 1932.50MHz
Model: TA0742A
Part No: MP04389
Rev No: 1

S22

SAW Filter 1932.50MHz
Model: TA0742A
Part No: MP04389
Rev No: 1
G. PACKING:

1. Reel Dimension

(Reel Count: 7” = 1000; 13” = 3000)
H. RECOMMENDED REFLOW PROFILE:

![Graph showing recommended reflow profile with temperature in degrees Celsius and time in seconds.](image-url)