KR Electronics, Inc.

General Description

KR Electronics part number 3323-1 is a 1087.5 MHz Bandpass filter. The filter has a typical 1 dB bandwidth of 224 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 1087.5 MHz Bandpass Filter
- 3 dB Bandwidth: 241 MHz min
- 30 dB Bandwidth: 350 MHz max
- Selective Elliptic type design
- 50 Ω Source and Load
- Other frequencies available
- Surface Mount

Typical Performance
## Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
<th>Notes</th>
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</thead>
<tbody>
<tr>
<td>Filter type</td>
<td>Bandpass</td>
<td></td>
</tr>
<tr>
<td>Center Frequency</td>
<td>1087.5 MHz</td>
<td></td>
</tr>
<tr>
<td>Insertion Loss at Fc</td>
<td>2 dBa max</td>
<td>1.2 dBa typical</td>
</tr>
<tr>
<td>1 dBC Bandwidth</td>
<td>224 MHz typical</td>
<td></td>
</tr>
<tr>
<td>3 dBC Bandwidth</td>
<td>241 MHz min</td>
<td>260-270 MHz typical</td>
</tr>
<tr>
<td>20 dBC Bandwidth</td>
<td>335 MHz min</td>
<td>315 MHz typical</td>
</tr>
<tr>
<td>30 dBC Bandwidth</td>
<td>350 MHz max</td>
<td>335 MHz typical</td>
</tr>
<tr>
<td>Source and Load</td>
<td>50 Ω</td>
<td></td>
</tr>
</tbody>
</table>

## Physical Dimensions

```
1.300

.110 .110

250

.250

∅.017
```

Notes:
1. Surface mount package
2. Dimensions in inches
3. Tolerance unless noted ±0.010"
4. Maximum reflow temperature is 210° C for 10 sec maximum.