General Description

KR Electronics part number 3008 is a 1250 MHz lowpass filter. The filter has a minimum 1 dB bandwidth of 1250 MHz. Other bandwidths available. Please consult the factory.

Features
- 1250 MHz Lowpass
- 40 dB min at 1600 MHz (50 dB typ)
- Sharp Transition to the Stopband
- 50 Ω Source and Load
- Surface Mount
- Also available with SMA Connectors

Typical Performance

Overall Response
(10 dB/div)
Typical Performance

Passband Amplitude & Group Delay
(1 dB/div & 2.5 nsec/div)
### Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filter type</td>
<td>Lowpass</td>
</tr>
<tr>
<td>End of Passband (1 dB max)</td>
<td>1250 MHz</td>
</tr>
<tr>
<td>Attenuation 1600 MHz to 3000 MHz</td>
<td>40 dB min</td>
</tr>
<tr>
<td></td>
<td>50 dB typical</td>
</tr>
<tr>
<td>Source and Load</td>
<td>50 Ω</td>
</tr>
</tbody>
</table>

### Physical Dimensions

![Physical Dimensions Diagram]

**Notes:**
1. Surface mount package
2. Dimensions in inches
3. Max reflow temperature 209° C for 10 sec
4. If boards are cleaned after installation units must be completely dried