General Description

KR Electronics part number 3094-1 is a 124 MHz highpass filter. The filter has a sharp transition to the stopband and attains over 70 dB by 110 MHz. Other bandwidths are available. Please consult the factory.

Features
- 124 MHz Highpass Filter
- Sharp Transition to the Stopband
- 70 dB min at 110 MHz
- High Stopband Attenuation
- 50 Ω Source and Load
- SMA Connectors
- Also available in surface mount

Typical Performance

Overall Response
(10 dB/div)
Typical Performance

Passband Amplitude & Group Delay
(1 dB/div & 10 nsec/div)

Overall Response
(10 dB/div)
## KR Electronics 3094-1

### Specifications

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<tr>
<th>Parameter</th>
<th>Specification</th>
<th>Notes</th>
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<tbody>
<tr>
<td>Filter type</td>
<td>Highpass</td>
<td></td>
</tr>
<tr>
<td>Start of Passband &lt;3 dB</td>
<td>124 MHz</td>
<td></td>
</tr>
<tr>
<td>Passband</td>
<td>124 MHz to 1500 MHz</td>
<td></td>
</tr>
<tr>
<td>Stopband Rejection dc to 110 MHz</td>
<td>70 dB min</td>
<td></td>
</tr>
<tr>
<td>Source and Load</td>
<td>50 Ω</td>
<td></td>
</tr>
</tbody>
</table>

### Physical Dimensions

Notes:
1. Dimensions in inches
2. Rectangular case