General Description

KR Electronics part number 2987 is a 350 MHz lowpass filter. The filter is an elliptic type filter with a sharp cut-off and 60 dB minimum attenuation. Other bandwidths are available. Please consult the factory.

Features

- Elliptic Lowpass
- 350 MHz min 1 dB Bandwidth
- 447 MHz typical 3 dB Bandwidth
- 60 dB Stopband Attenuation
- N Connectors
- 50 Ω Source and Load

Typical Performance

Overall Response

(10 dB/div)
Passband Amplitude & Group Delay

(1 dB/div & 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 (&lt; 1 dB)</td>
<td>350 MHz</td>
</tr>
<tr>
<td>580 MHz to 1000 MHz</td>
<td>60 dB min</td>
</tr>
<tr>
<td>Maximum Input Power to 350 MHz</td>
<td>10 Watts</td>
</tr>
<tr>
<td>Source and Load</td>
<td>50 Ω</td>
</tr>
</tbody>
</table>

## Physical Dimensions

Notes:

1. Dimensions in inches
2. Rectangular case