General Description

KR 2740 is a 44 MHz lowpass filter. The passband is flat within 0.5 dB to 44 MHz. Stopband attenuation is 60 dB by 60 MHz. Other frequencies are available. Please consult the factory.

Features

- 44 MHz Lowpass
- 60 dB Stopband by 60 MHz
- Surface Mount
- 50 Ω Source and Load

Typical Performance

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

Overall Response
(10 dB/div)
KR Electronics 2740 Lowpass

Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
<th>Typical</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filter type</td>
<td>Lowpass</td>
<td></td>
</tr>
<tr>
<td>End of Passband (0.5 dB)</td>
<td>44 MHz</td>
<td></td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>&lt; 1.5 dB</td>
<td>1 dB</td>
</tr>
<tr>
<td>Start of Stopband (60 dB)</td>
<td>60 MHz</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. Maximum reflow temperature is 209°C for 10 seconds max