**General Description**

KR Electronics part number 3092 is a 40 MHz absorptive notch filter. The filter has a typical 3 dB bandwidth of 16.5 MHz and has a maintains 50 dB rejection from 39 MHz to 41 MHz. The filter is absorptive in both the forward and reverse direction providing excellent match even at the notch frequency. Other center frequencies and bandwidths are available. Please consult the factory.

**Features**
- 40 MHz Absorptive Notch
- Absorptive in both directions forward and reverse
- 16.5 MHz typical 3 dB Bandwidth
- 50 dB min notch rejection
- 50 Ω Source and Load
- Surface Mount

**Typical Performance**

*Overall Response & VSWR In/Out*

(10 dB/div & 0.5/div)
Typical Performance

Passband Amplitude to 1 GHz
(1 dB/div)

Overall Response
(10 dB/div)
## Specifications

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<tr>
<td>Filter type</td>
<td>Absorptive Notch Filter</td>
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<td>Notch frequency</td>
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<td>Attenuation at 39 to 41 MHz</td>
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<tr>
<td>3 dB Bandwidth</td>
<td>16.5 MHz typical</td>
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<tr>
<td>Source and Load</td>
<td>50 Ω</td>
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</table>

### Physical Dimensions

![Physical Dimensions Diagram]

**Notes:**
1. Surface mount package — Metal cover
2. Dimensions in inches
3. Maximum reflow temperature is 209° C for 10 sec maximum.
4. If boards are cleaned after installation, dry units completely.