

## General Description

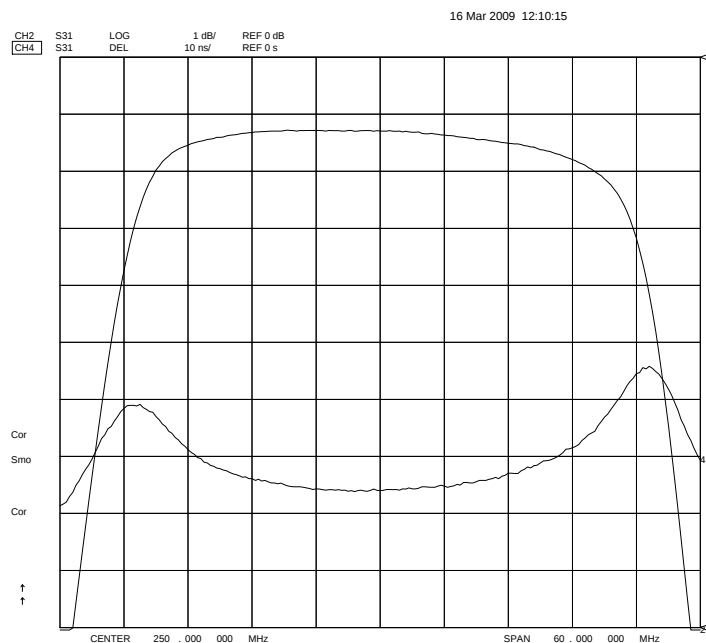
KR 2892 is a 250 MHz bandpass filter. The filter has a typical 3 dB bandwidth of 50 MHz. Other passband frequencies are available. Please consult the factory.

### Features

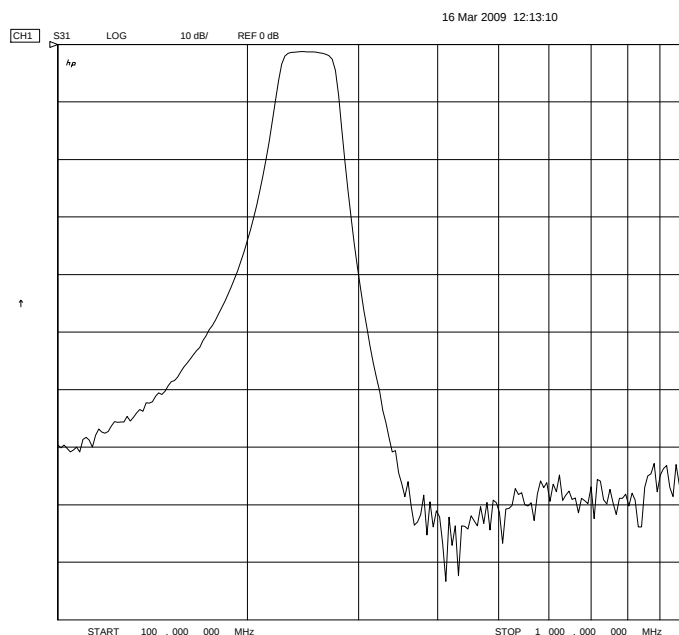
- 250 MHz Center Frequency
- 50 MHz Typical 3 dB Bandwidth
- Surface Mount
- 50  $\Omega$  Source and Load

## Typical Performance

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



### Overall Response (10 dB/div)



KR Electronics, Inc.  
91 Avenel Street  
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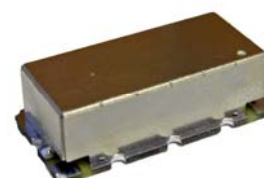
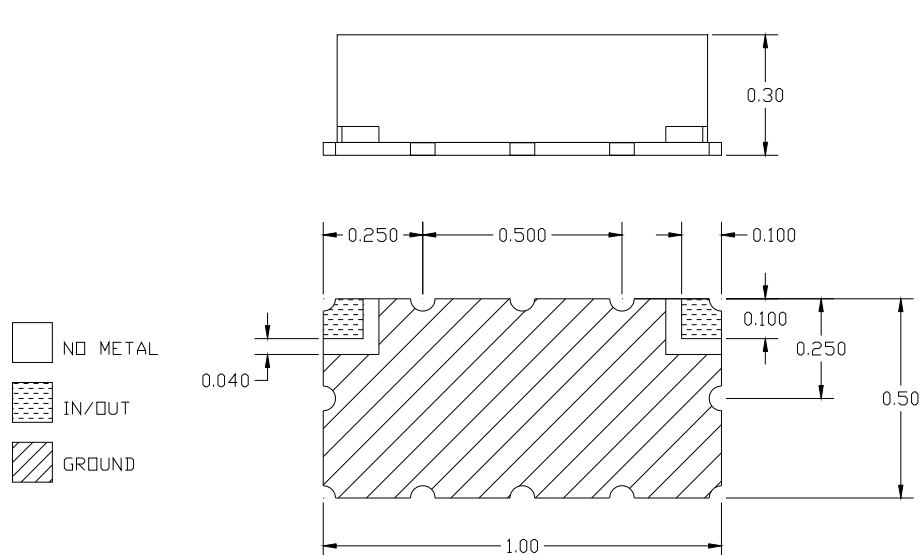
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## KR Electronics 2892

### Specifications

| Parameter        | Specification             |
|------------------|---------------------------|
| Filter type      | Bandpass                  |
| Center Frequency | 250 MHz                   |
| Insertion Loss   | < 2.5 dB (1.5 dB typical) |
| 3 dB Bandwidth   | 50 MHz typical            |
| 40 dB Bandwidth  | 111 MHz typical           |
| 60 dB Bandwidth  | 180 MHz typical           |
| Source and Load  | 50 $\Omega$               |
|                  |                           |
|                  |                           |

### Physical Dimensions



#### 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