

# KR Electronics

## General Description

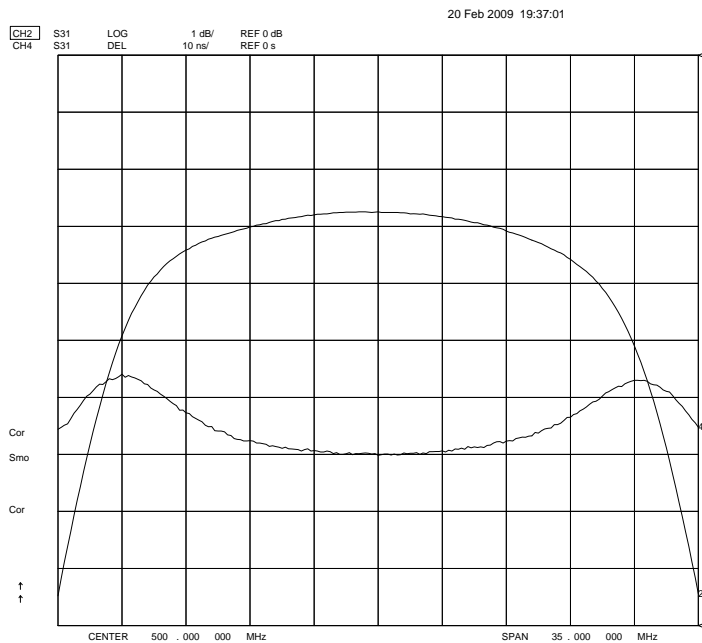
KR 2891 is a 500 MHz bandpass filter. The filter has a 3 dB bandwidth of 27.5 MHz  $\pm$ 6 MHz. Other passband frequencies are available. Please consult the factory.

## Features

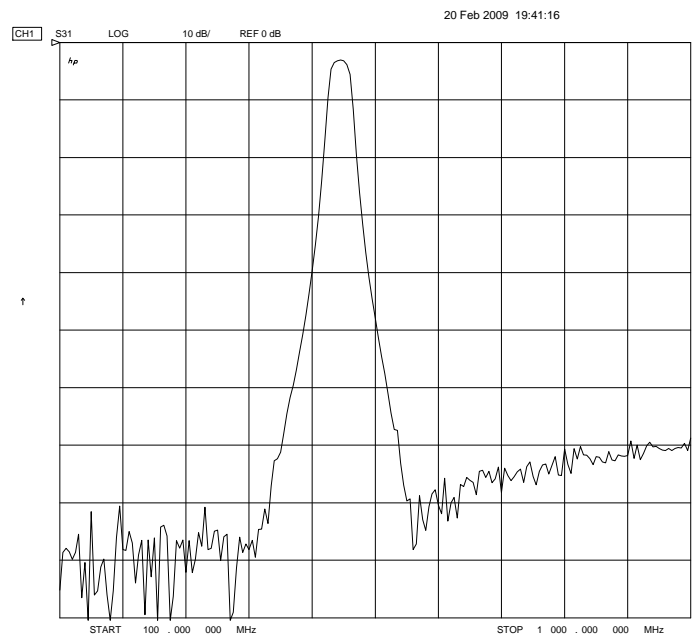
- 500 MHz Center Frequency
- 3 dB Bandwidth 27.5 MHz
- Surface Mount
- 50  $\Omega$  Source and Load

## Typical Performance

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



**Overall Response**  
(10 dB/div)



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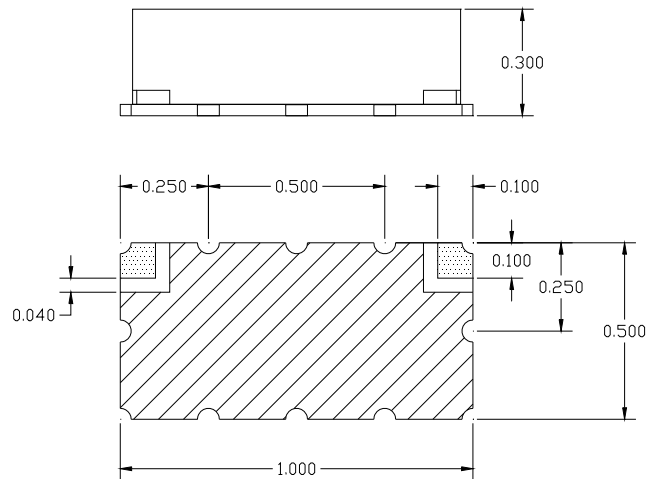
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# KR Electronics 2891

## Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	500 MHz
Insertion Loss	< 6 dB (3 dB typical)
3 dB Bandwidth	27.5 MHz $\pm$ 6 MHz
40 dB Bandwidth	90 MHz typical
50 dB Bandwidth	112 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