

# KR Electronics

## General Description

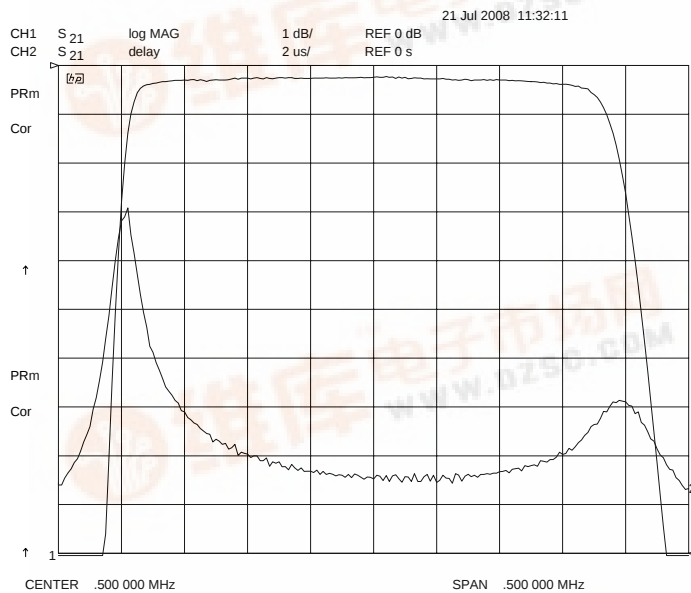
KR part number 2851 is a 500 KHz bandpass filter. The filter has a 3 dB bandwidth of 400 KHz and is designed for a source and load impedance of 50  $\Omega$ . Other passband frequencies are available. Please consult the factory.

## Features

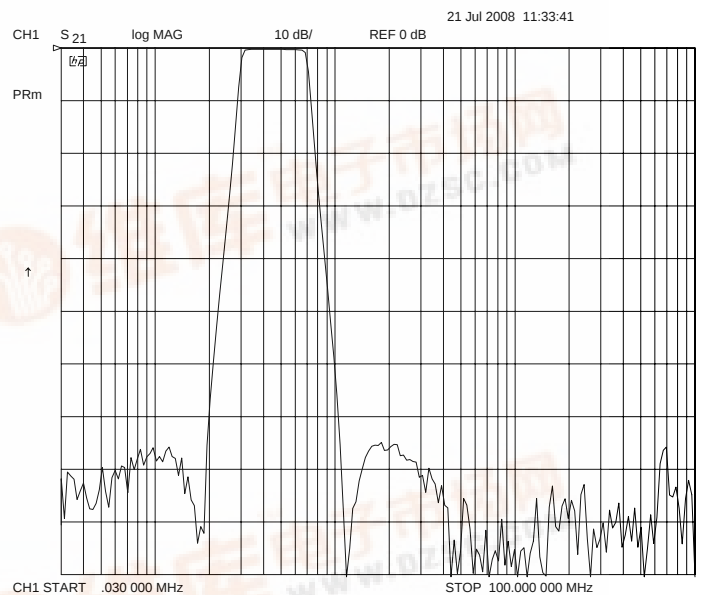
- 500 KHz Center Frequency
- 50  $\Omega$  Source and Load
- BNC Connectors

## Typical Performance

### Passband Amplitude & Group Delay (1 dB/div and 2 usec/div)



### Overall Response (10 dB/div)



KR Electronics, Inc.  
91 Avenel Street  
Avenel, NJ 07001

Web www.krfilters.com  
Email sales@krfilters.com  
Phone (732) 636-1900  
Fax (732) 636-1982

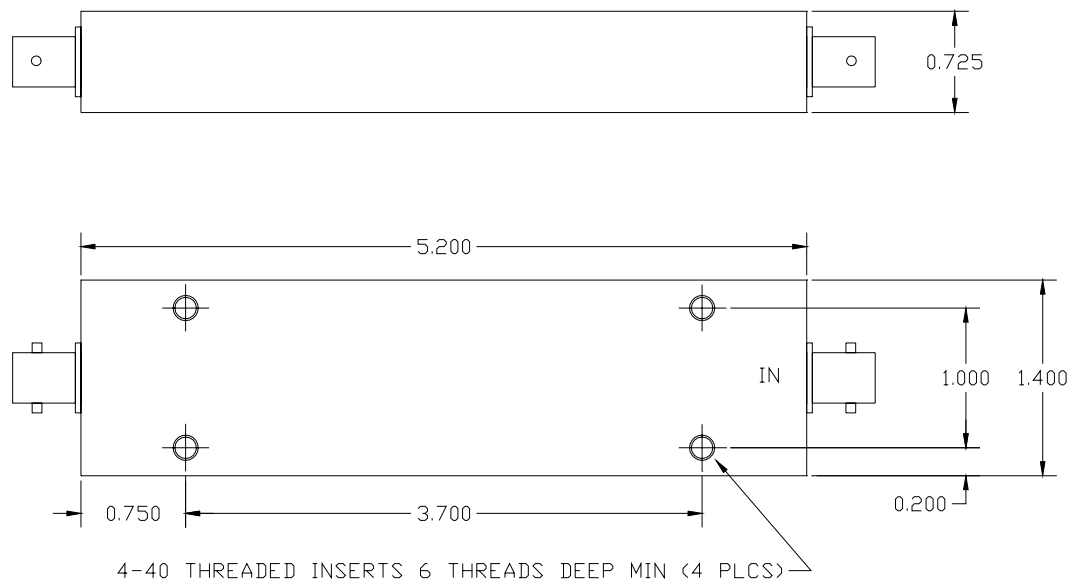


# KR Electronics 2851

## Specifications

| Parameter                | Specification            |
|--------------------------|--------------------------|
| Filter type              | Bandpass                 |
| Center Frequency         | 500 KHz                  |
| Insertion Loss           | < 1 dB (0.25 dB typical) |
| 3 dB Bandwidth           | 400 KHz                  |
| Attenuation at 195 KHz   | > 60 dB                  |
| Attenuation at 1.075 MHz | > 60 dB                  |
| Source and Load          | 50 $\Omega$              |
|                          |                          |
|                          |                          |

## Physical Dimensions



NOTES:  
 1. DIMENSIONS IN INCHES  
 2. INPUT/OUTPUT BNC(F)

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Web [www.krfilters.com](http://www.krfilters.com)  
 Email [sales@krfilters.com](mailto:sales@krfilters.com)  
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