

# KR Electronics, Inc.

## General Description

KR Electronics part number 2825-S2 is a 196 MHz bandpass filter. The filter has a minimum 3 dB bandwidth of 40 MHz and a maximum 50 dB bandwidth of 82 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

### Features

- 196 MHz Bandpass Filter
- 40 MHz min 3 dB Bandwidth
- 82 MHz max 50 dB Bandwidth
- Sharp Elliptic Type Design
- 50  $\Omega$  Source and Load
- Surface mount
- Also available with SMA Connectors

## Typical Performance

### Overall Response (10 dB/div)

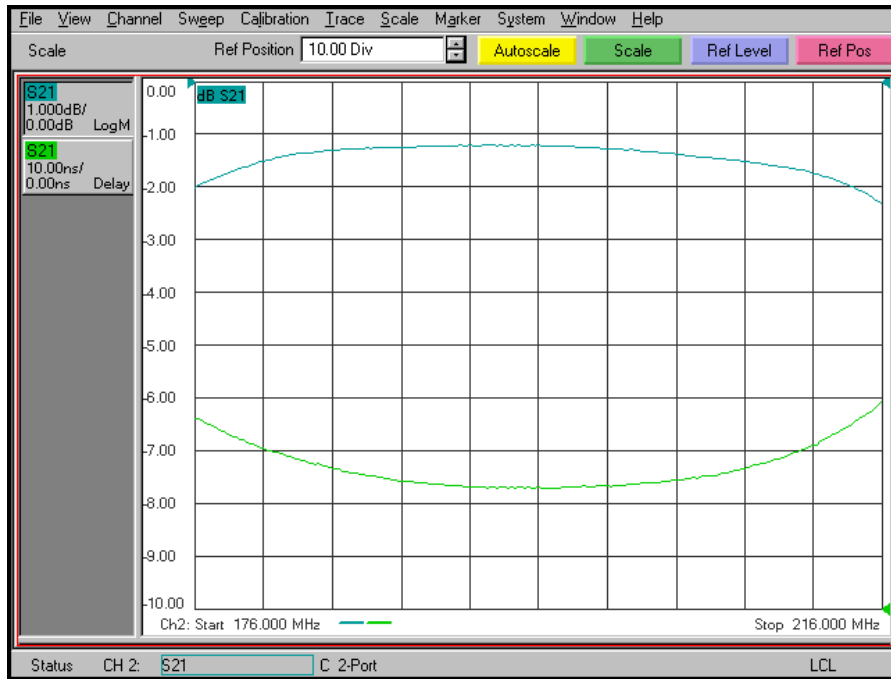


KR Electronics, Inc.  
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Avenel, NJ 07001

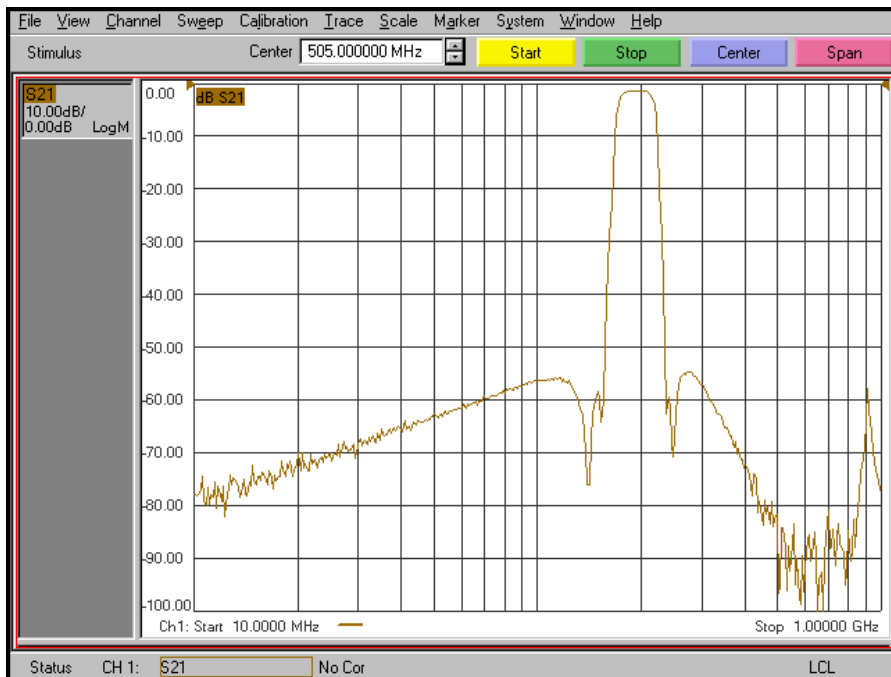
Web [www.krfilters.com](http://www.krfilters.com)  
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# KR Electronics 2825-S2

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



## Overall Response (10 dB/div)



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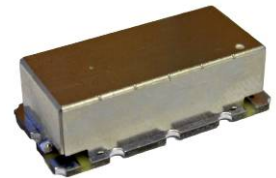
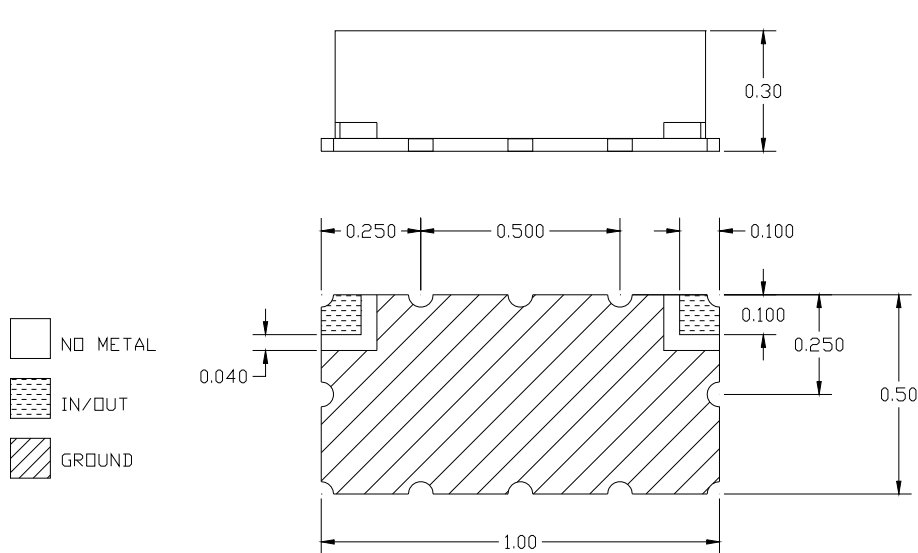
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# KR Electronics 2825-S2

## Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency	196 MHz	
Insertion Loss	2.5 dB max	1.25 dB typical
3 dB Bandwidth	40 MHz min	50 MHz typical
50 dB Bandwidth	82 MHz max	78.7 MHz typical
Source and Load	50 $\Omega$	

## Physical Dimensions



### Notes:

1. Surface mount package
2. Dimensions in inches
3. Max reflow temperature 230° C for 10 sec
4. If boards are cleaned after installation units must be completely dried

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