

## General Description

KR Electronics part number 3046 is a 160 MHz bandpass filter. The filter has a minimum 2 dB bandwidth of 50 MHz and a maximum 50 dB bandwidth of 88 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

### Features

- 160 MHz Bandpass Filter
- 50 MHz min 2 dB Bandwidth
- 88 MHz max 50 dB Bandwidth
- Sharp Elliptic Type Design
- 50  $\Omega$  Source and Load
- SMA Connectors
- Also available in surface mount

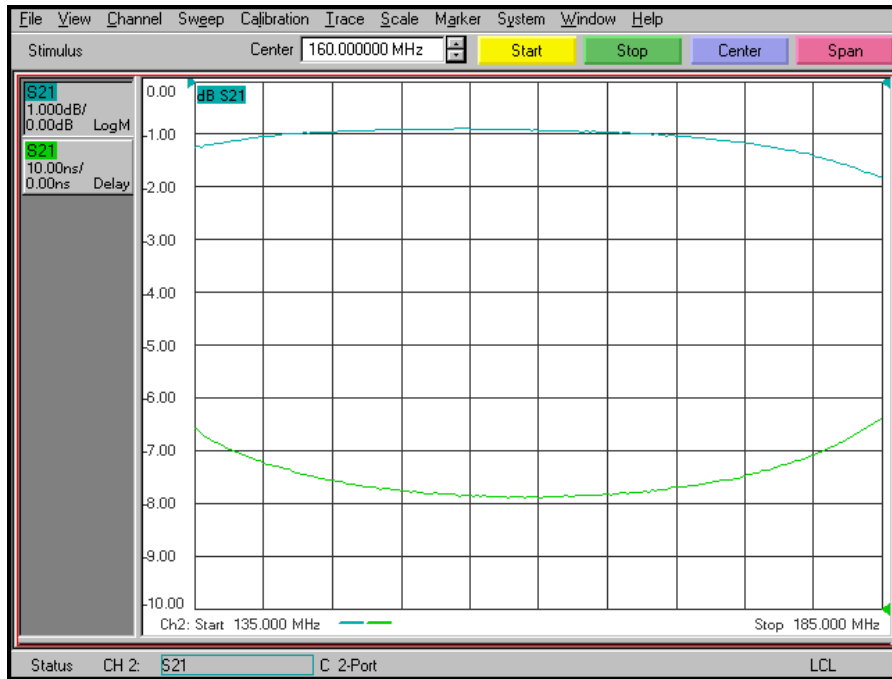
## Typical Performance

### Overall Response (10 dB/div)

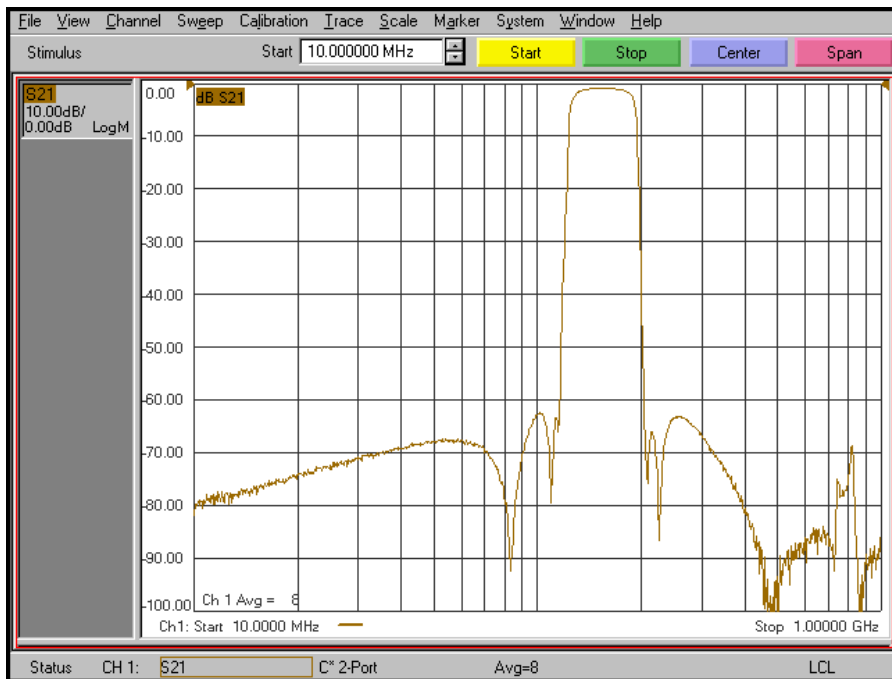


# KR Electronics 3046

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



## Overall Response (10 dB/div)



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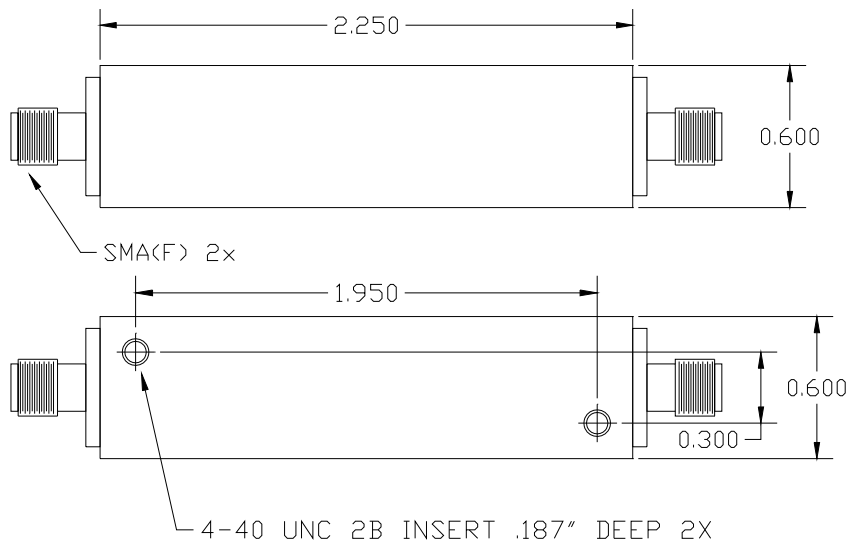
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# KR Electronics 3046

## Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency	160 MHz	
Insertion Loss	3 dB max	1 dB typical
2 dB Bandwidth	50 MHz min	
50 dB Bandwidth	88 MHz max	
Source and Load	50 $\Omega$	

## Physical Dimensions



**Notes:**

1. Dimensions in inches
2. Rectangular case
3. Also available in 0.5" x 1.5" x 0.3" surface mount package

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