

## General Description

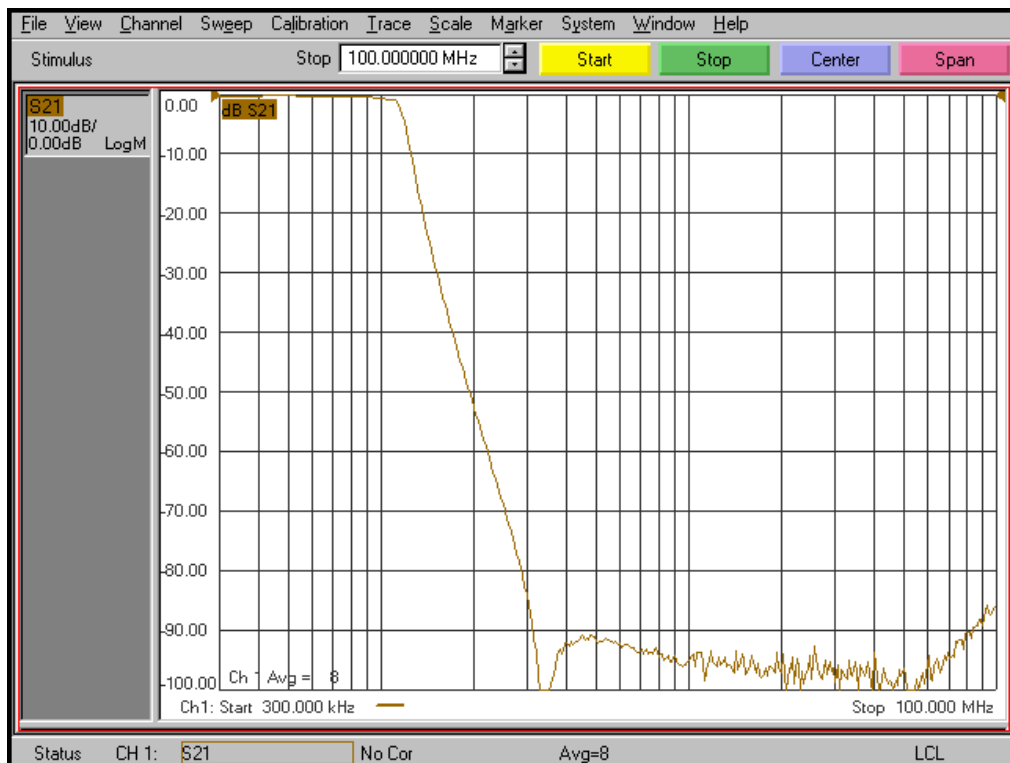
KR Electronics part number 3256 is a 1 MHz lowpass filter module. The module consists of four 1 MHz lowpass filter. Other cutoff frequencies are available. Please consult the factory.

## Features

- 1 MHz Lowpass Filter
- 1 dB max at 1 MHz
- 40 dB min at 1.875 MHz
- 50  $\Omega$  Source and Load
- Can be supplied as Individual Filters
- Other frequencies and custom package styles available

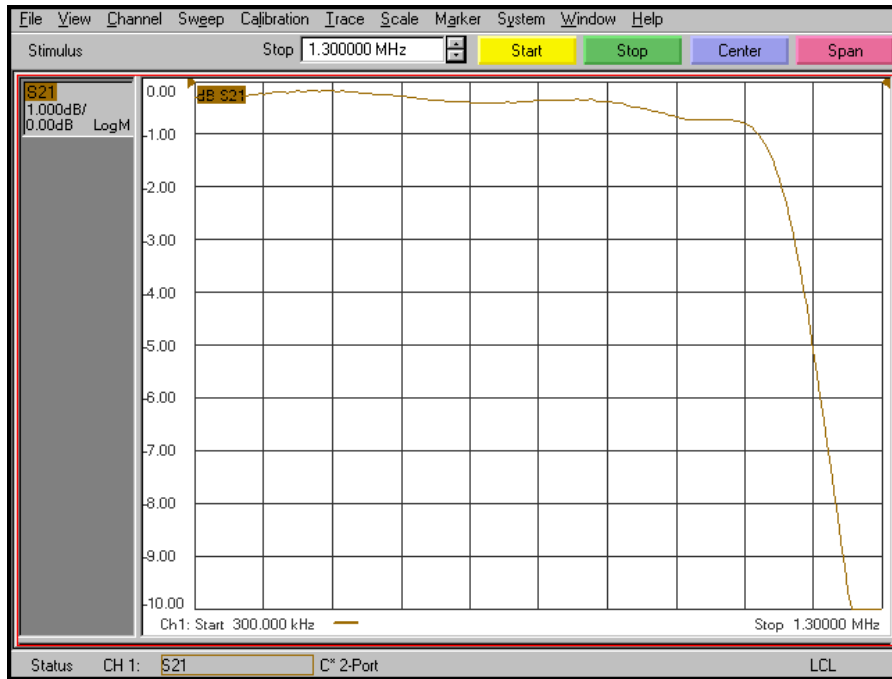
## Typical Performance

### Overall Response (10 dB/div)

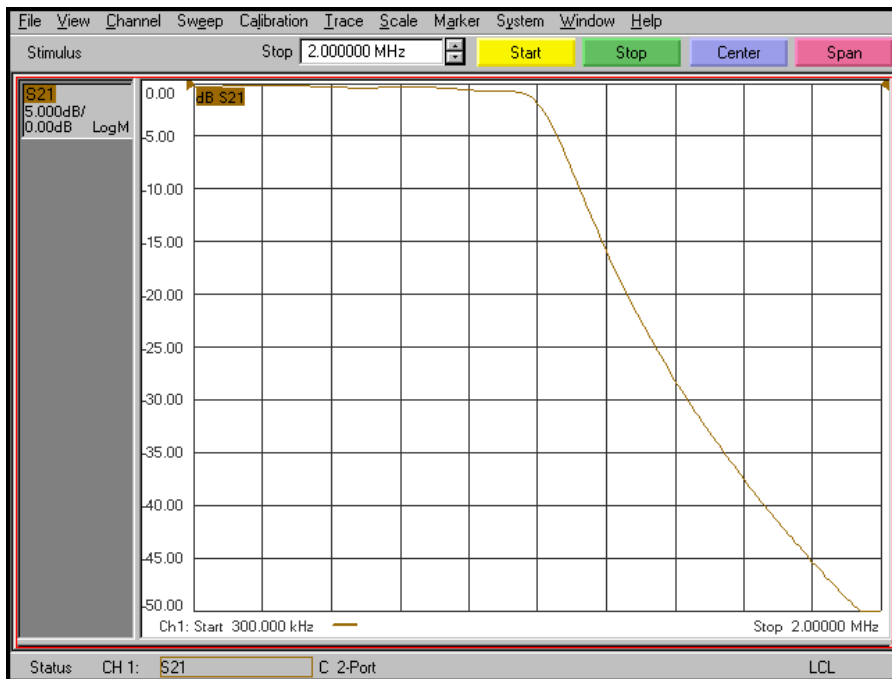


# KR Electronics 3256

## Passband Amplitude (1 dB/div)



## Overall Response (5 dB/div)



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

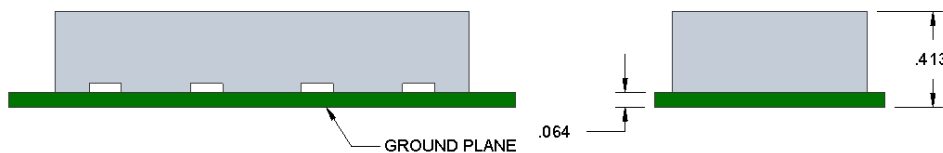
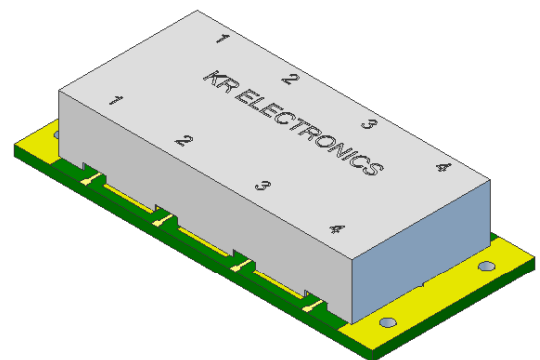
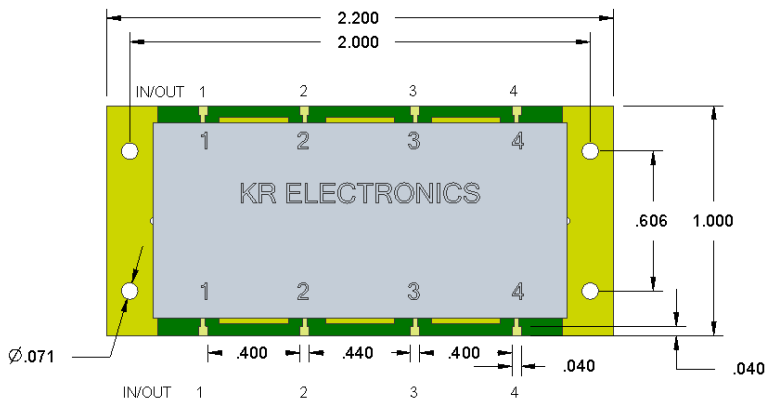
Web [www.krfilters.com](http://www.krfilters.com)  
Email [sales@krfilters.com](mailto:sales@krfilters.com)  
Phone (732) 636-1900  
Fax (732) 636-1982

# KR Electronics 3256

## Specifications

Parameter	Specification	
Filter type	Lowpass	
End of Passband (1 dB max)	1 MHz min	1.10 MHz typical
3 dB Bandwidth	1.17 MHz typical	
40 dB Bandwidth	1.875 MHz max	1.70 MHz typical
60 dB Bandwidth	2.22 MHz typical	
Source and Load	50 Ω	
Crosstalk between adjacent channels	>60 dB typical	

## Physical Dimensions



NOTES:

1. COVER IS CONNECTED TO GROUND
2. FOUR 1 MHz LOWPASS FILTERS PER MODULE
3. LOWPASS FILTER 1 IS CONNECTED BETWEEN PADS 1  
LOWPASS FILTER 2 IS CONNECTED BETWEEN PADS 2  
LOWPASS FILTER 3 IS CONNECTED BETWEEN PADS 3  
LOWPASS FILTER 4 IS CONNECTED BETWEEN PADS 4
4. FILTERS CAN BE CONNECTED IN EITHER DIRECTION
5. BOTTOM OF PCB IS GROUND PLANE
6. CUSTOM PACKAGES ARE POSSIBLE

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Web [www.krfilters.com](http://www.krfilters.com)  
Email [sales@krfilters.com](mailto:sales@krfilters.com)  
Phone (732) 636-1900  
Fax (732) 636-1982