

# KR Electronics, Inc.

## General Description

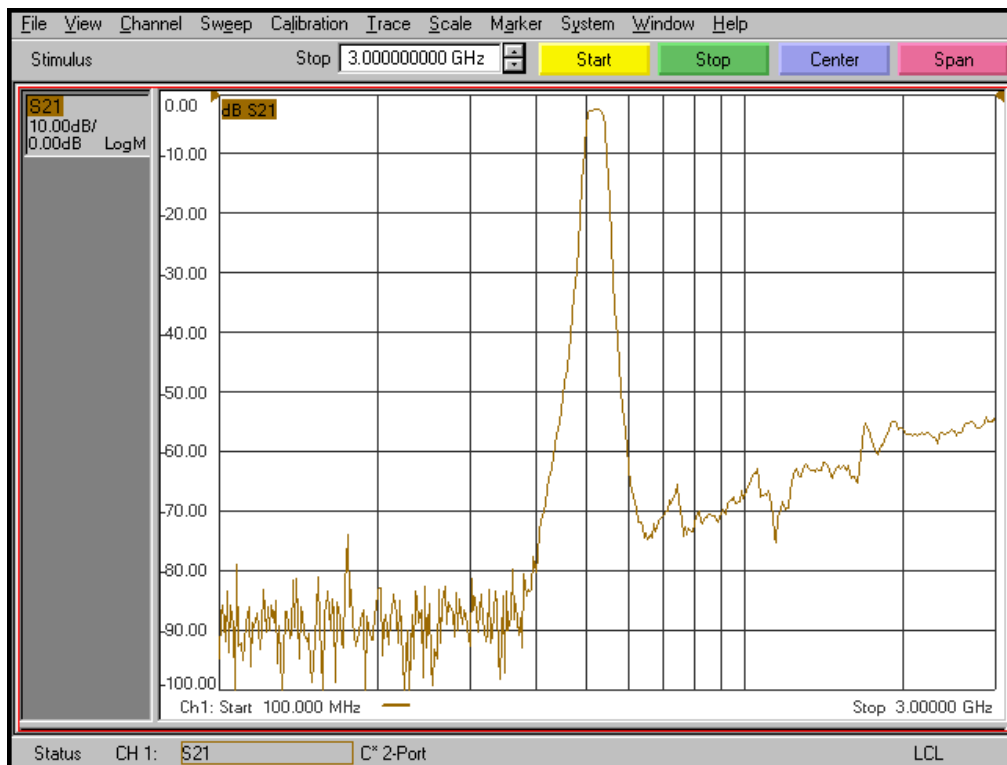
KR Electronics part number 3152 is a 520 MHz bandpass filter. The filter has a min 3 dB bandwidth of 40 MHz. Other frequencies are available. Please consult the factory.

## Features

- 520 MHz Bandpass Filter
- 40 MHz min 3 dB Bandwidth
- 50  $\Omega$  Source and Load
- Surface Mount Package
- Also Available with SMA Connectors

## Typical Performance

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

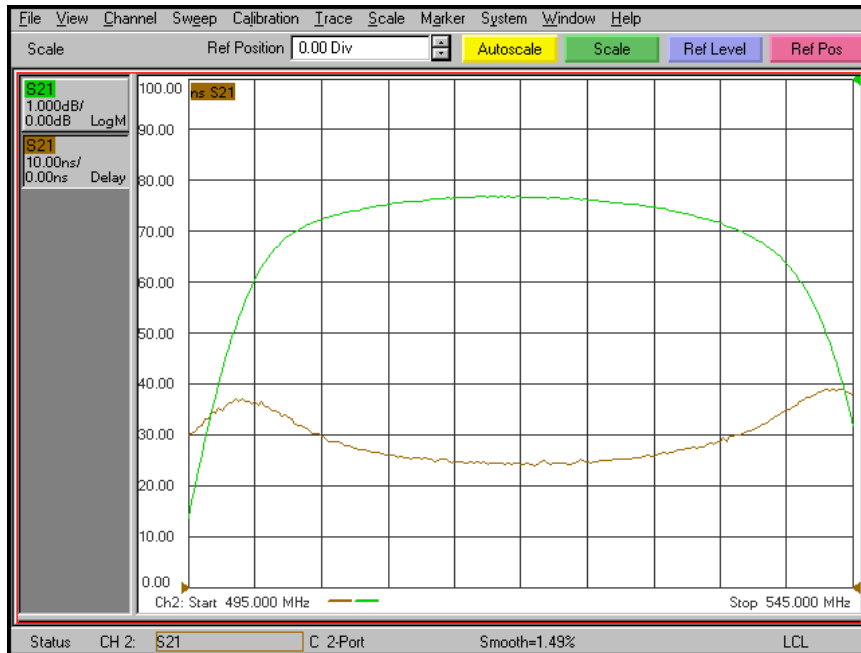


KR Electronics, Inc.  
91 Avenel Street  
Avenel, NJ 07001

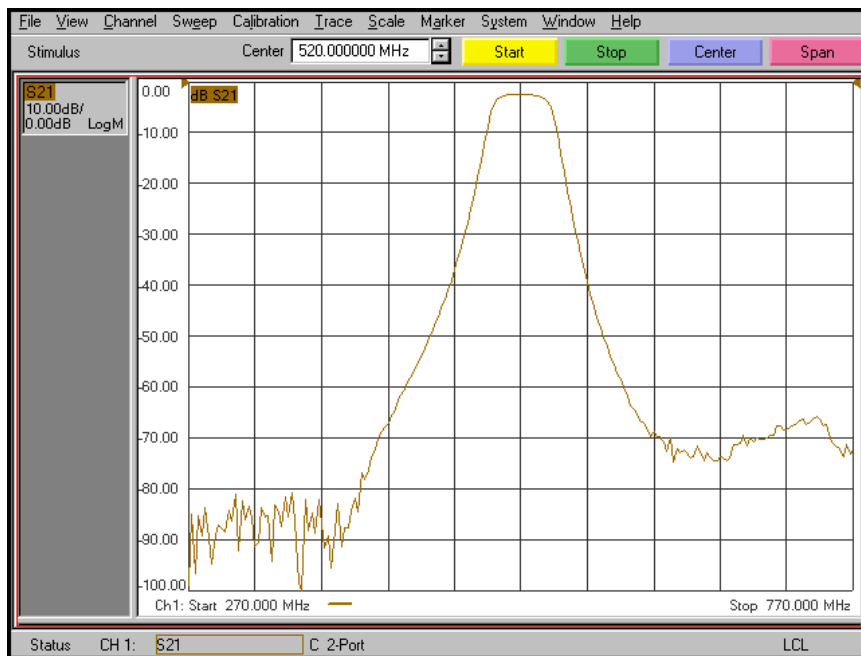
Web [www.krfilters.com](http://www.krfilters.com)  
Email [sales@krfilters.com](mailto:sales@krfilters.com)  
Phone (732) 636-1900  
Fax (732) 636-1982

## Typical Performance

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



### Overall Response (10 dB/div)



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

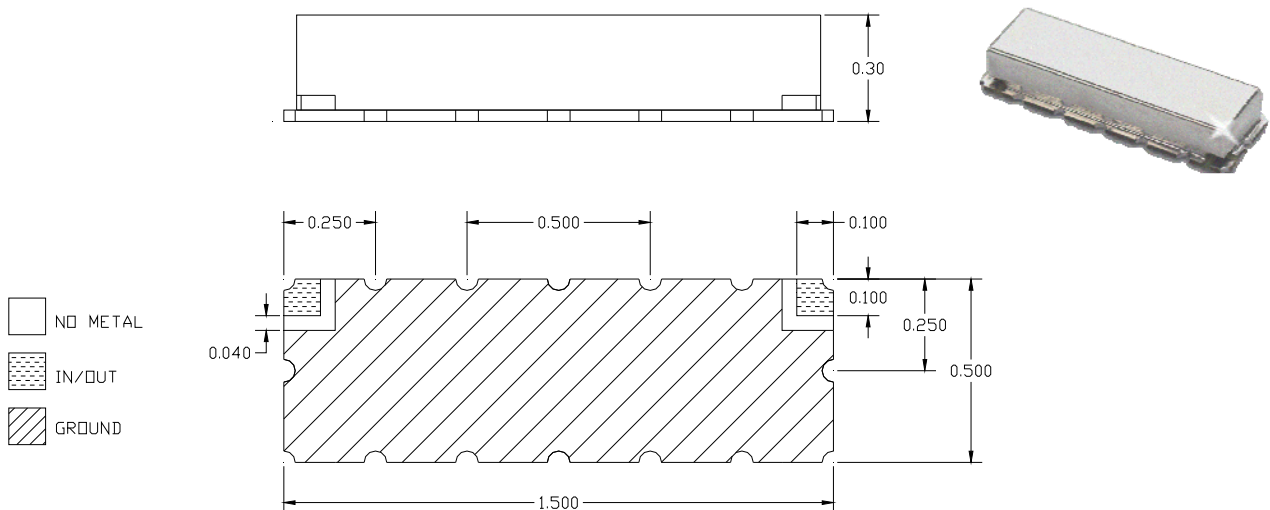
Web [www.krfilters.com](http://www.krfilters.com)  
Email [sales@krfilters.com](mailto:sales@krfilters.com)  
Phone (732) 636-1900  
Fax (732) 636-1982

# KR Electronics 3152

## Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency (Fc)	520 MHz	
Insertion Loss (at Fc)	3.5 dBa max	2.5 dBa typical
3 dB Bandwidth	40 MHz min	44 MHz typical
20 dB Bandwidth	71 MHz typical	
40 dB Bandwidth	110 MHz typical	
60 dB Bandwidth	172 MHz typical	
Rejection at 600 MHz	50 dB min	60 dB typical
Source and Load	50 $\Omega$	

## Physical Dimensions



### Notes:

1. Surface mount package — Metal cover open frame
2. Dimensions in inches
3. Maximum reflow temperature is 230° C for 10 sec maximum.
4. If boards are cleaned after installation, units must be completely dried.

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