

# KR Electronics, Inc.

## General Description

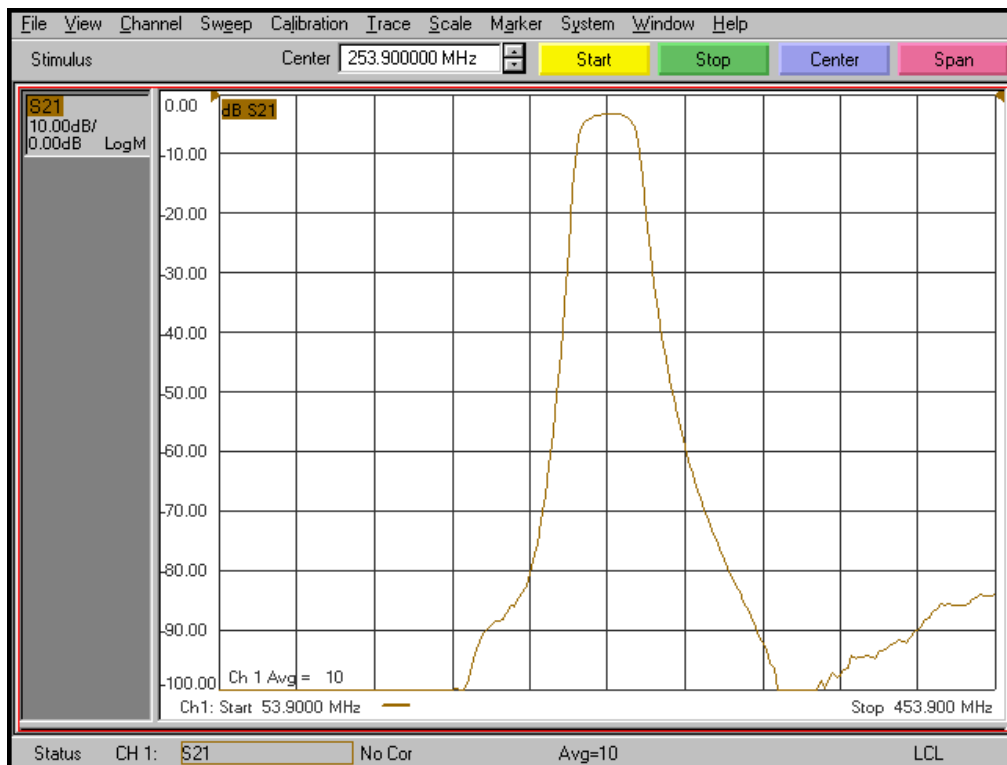
KR Electronics part number 3358-254-50+ is a 253.9 MHz bandpass filter. The filter has a 3 dB bandwidth of 30 MHz. Other frequencies are available. Please consult the factory.

## Features

- 253.9 MHz Bandpass Filter
- 3 dB Bandwidth 30 MHz
- 50  $\Omega$  Source and Load
- Surface Mount Package
- SMA Connectors Also Available

## Typical Performance

### Overall Response (10 dB/div)

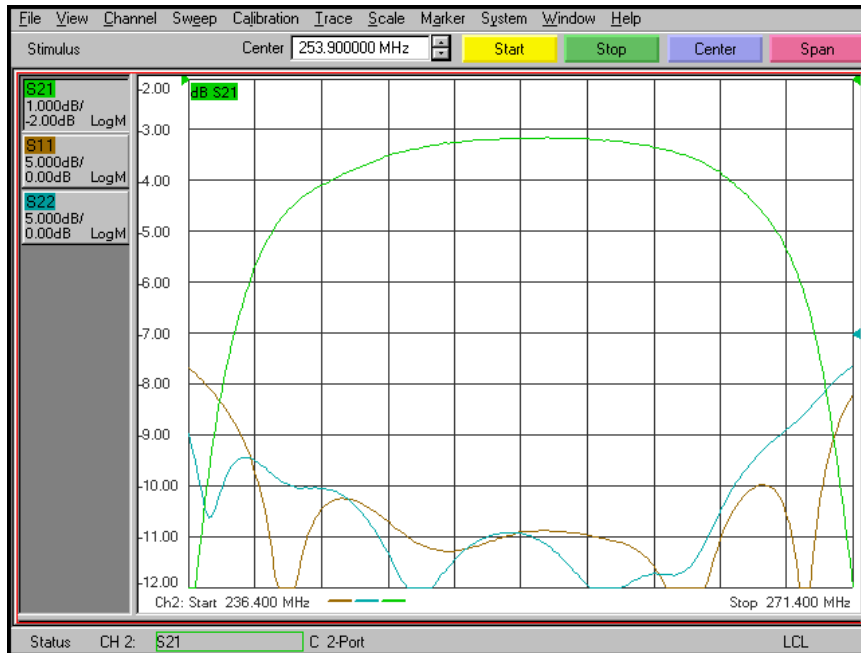


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Avenel, NJ 07001

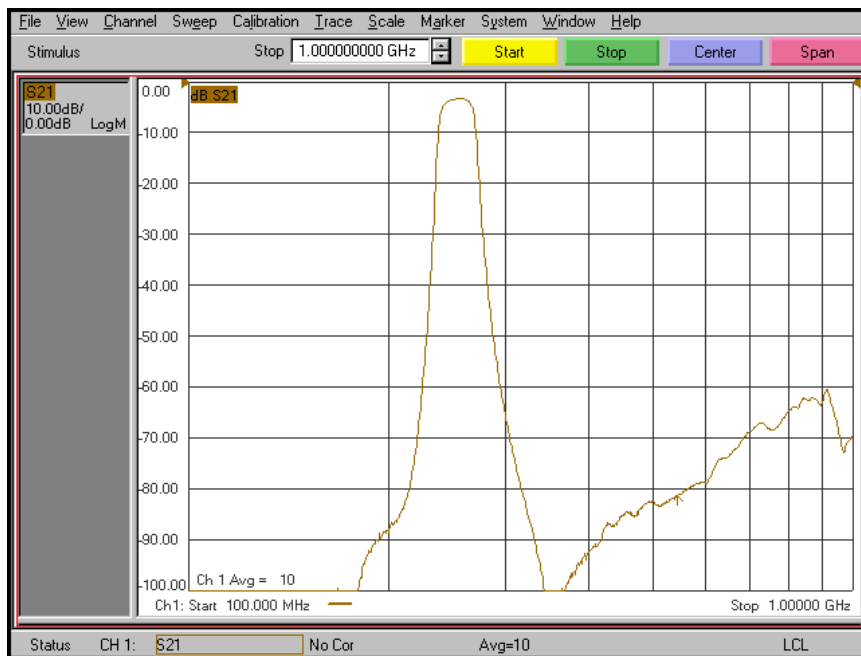
Web [www.krfilters.com](http://www.krfilters.com)  
Email [sales@krfilters.com](mailto:sales@krfilters.com)  
Phone (732) 636-1900  
Fax (732) 636-1982

## Typical Performance

### Passband Amplitude & Return Loss (1 dB/div & 5 dB/div)



### Overall Response (10 dB/div)



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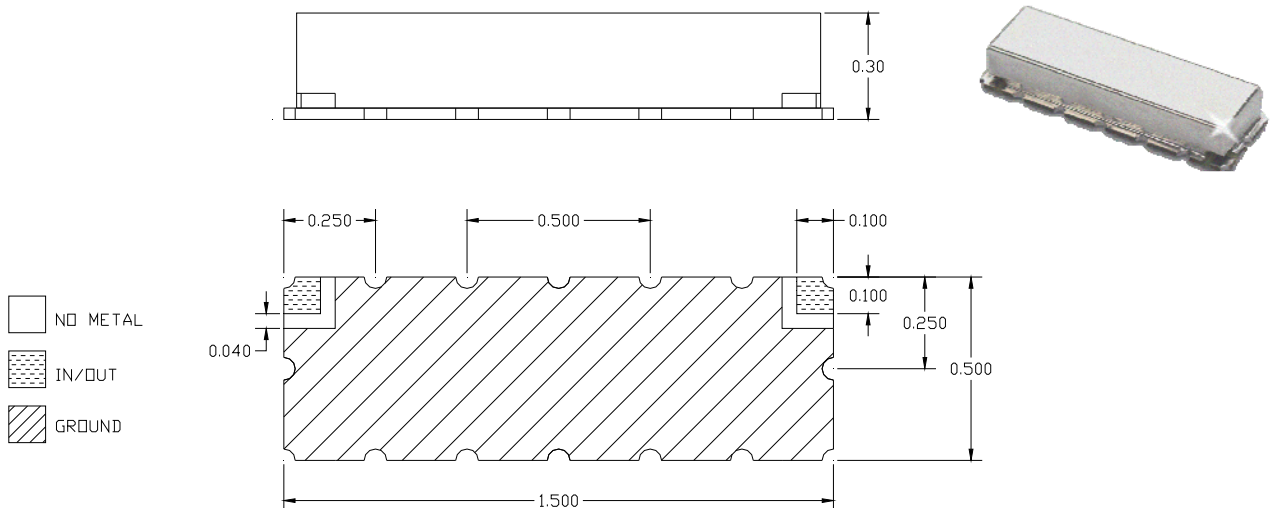
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# KR Electronics 3239-254-50+

## Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency (Fc)	253.9 MHz	
Insertion Loss (at Fc)	6 dBa max	3.5 dBa typical
1 dBc Bandwidth	22 MHz typical	
3 dBc Bandwidth	30 MHz ± 3 MHz	
40 dB Bandwidth	63 MHz max	53 MHz typical
60 dB Bandwidth	74 MHz typical	
Source & Load Impedance	50 Ω	
RoHS	Yes	

## 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.