

# KR Electronics, Inc.

## General Description

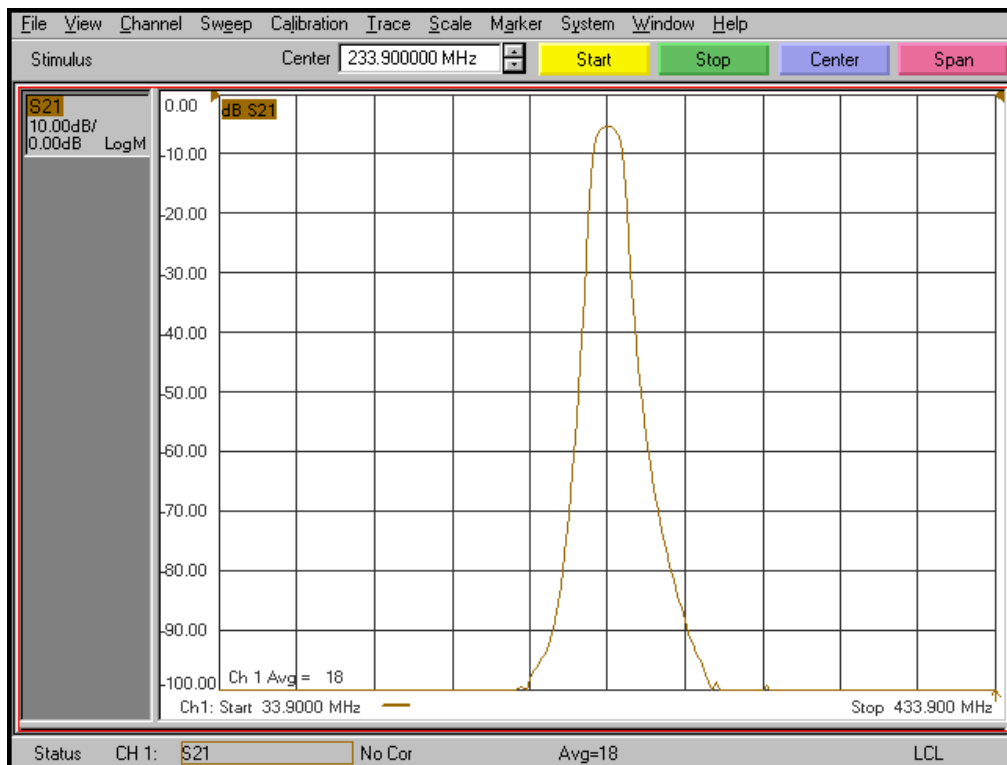
KR Electronics part number 3240-234-50+ is a 233.9 MHz bandpass filter. The filter has a 3 dB bandwidth of 15 MHz. Other frequencies are available. Please consult the factory.

## Features

- 233.9 MHz Bandpass Filter
- 3 dB Bandwidth 15 MHz typical
- 50  $\Omega$  Source and Load
- Surface Mount Package
- SMA Connectors Also Available

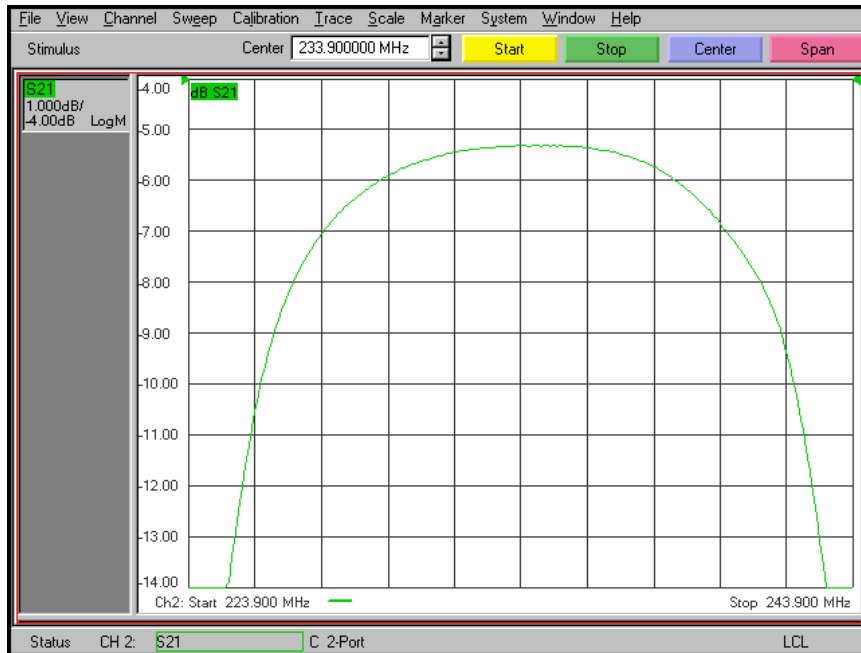
## Typical Performance

### Overall Response (10 dB/div)

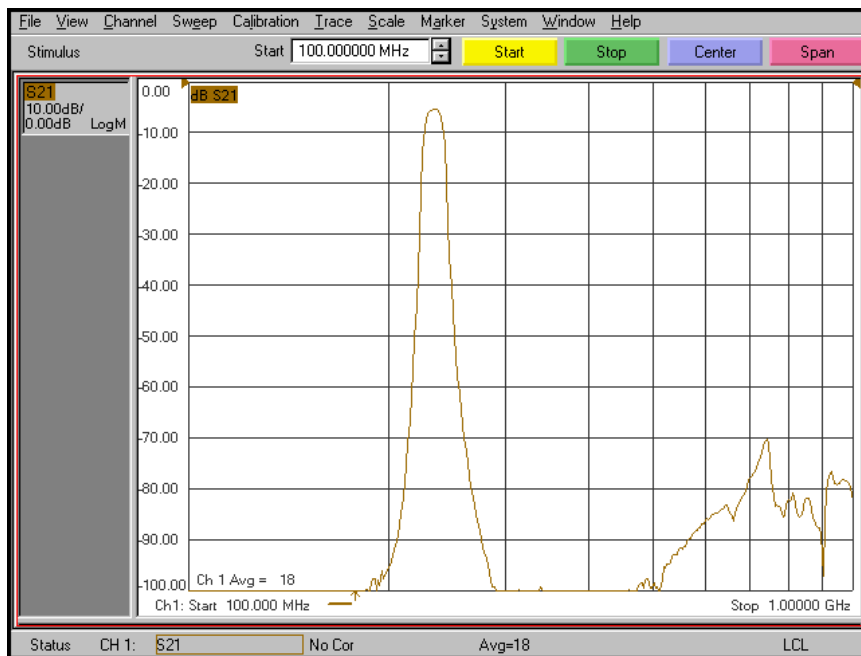


Typical Performance

Passband Amplitude  
(1 dB/div)



Overall Response  
(10 dB/div)



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

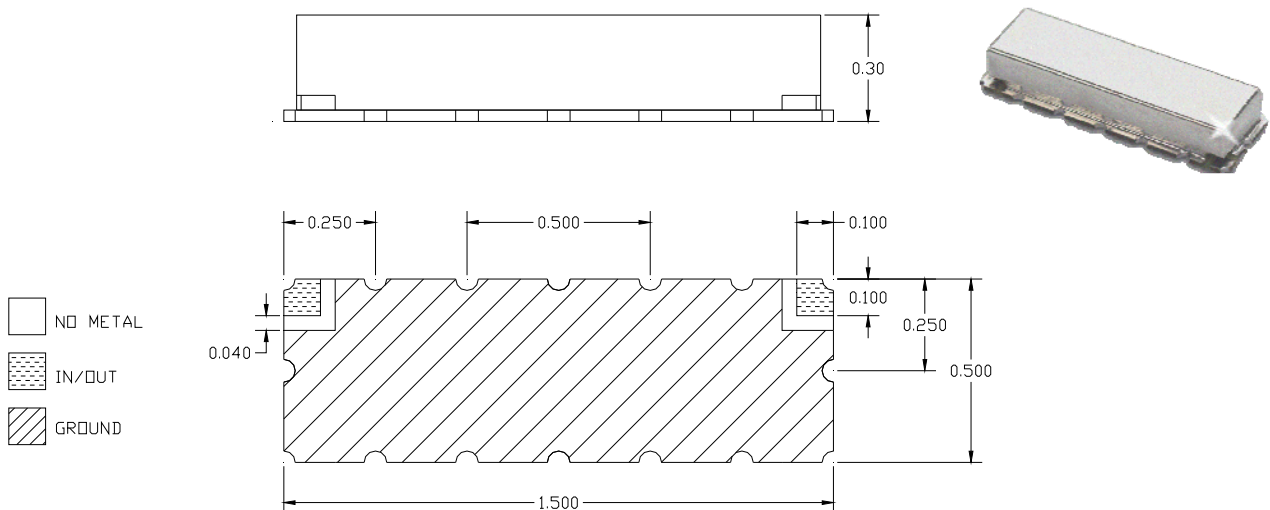
Web www.krfilters.com  
Email sales@krfilters.com  
Phone (732) 636-1900  
Fax (732) 636-1982

# KR Electronics 3240-234-50+

## Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency (Fc)	233.9 MHz	
Insertion Loss (at Fc)	6.5 dBa max	4.3 dBa typical
3 dBc Bandwidth	15 MHz $\pm$ 1.5 MHz	
40 dB Bandwidth	32 MHz max	30 MHz typical
60 dB Bandwidth	42 MHz typical	
Source & Load Impedance	50 $\Omega$	
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.