

## General Description

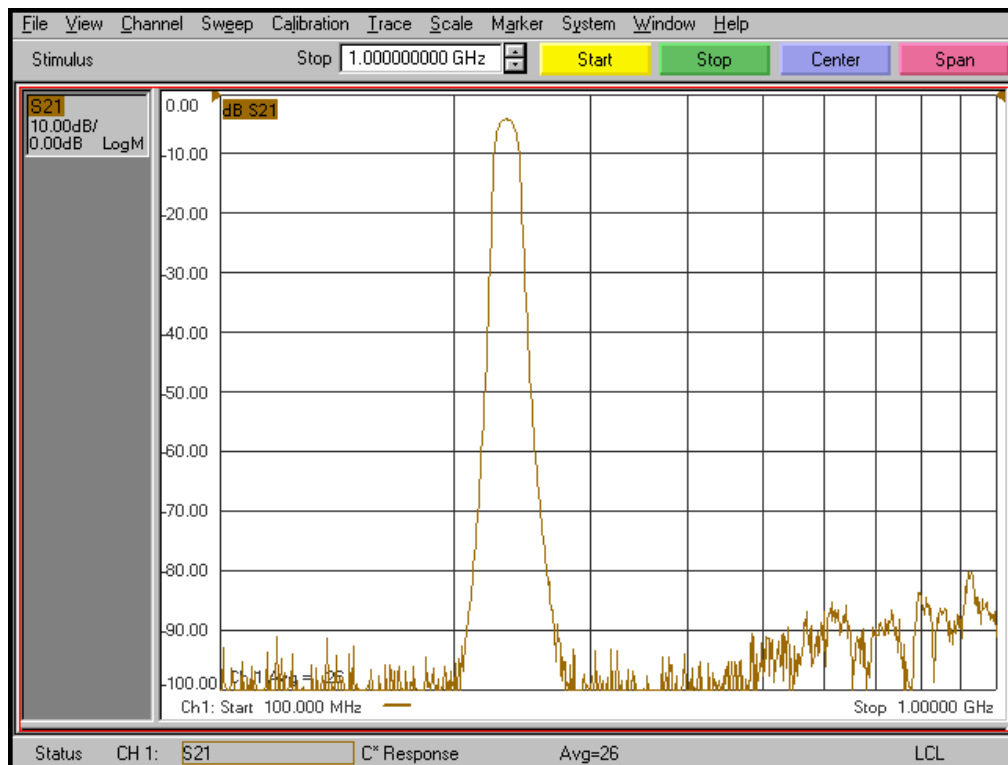
KR Electronics part number 3199+ is a 233.9 MHz band-pass filter. The filter has a 3 dB bandwidth of 15 MHz. Other frequencies are available. Please consult the factory.

## Features

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

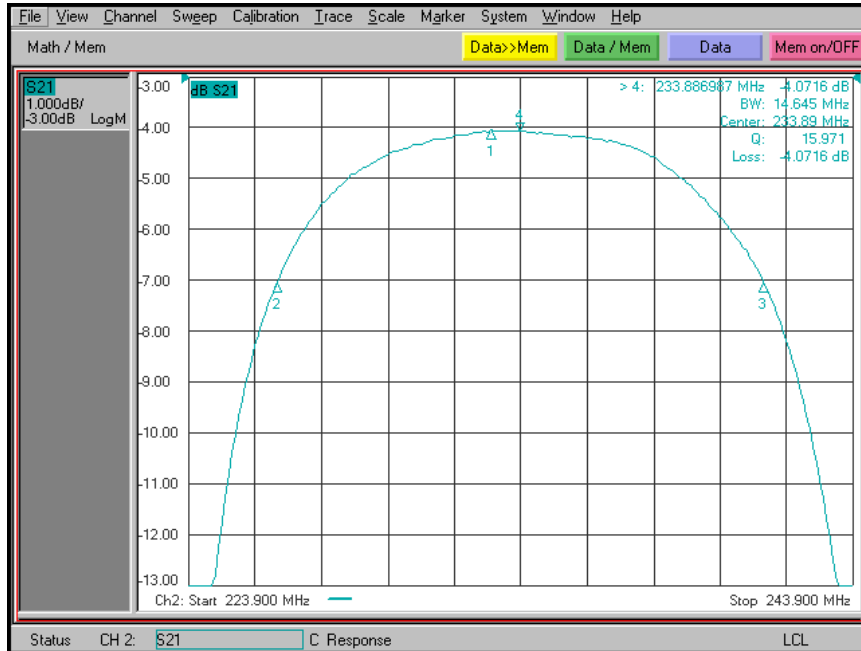
## Typical Performance

### Overall Response (10 dB/div)

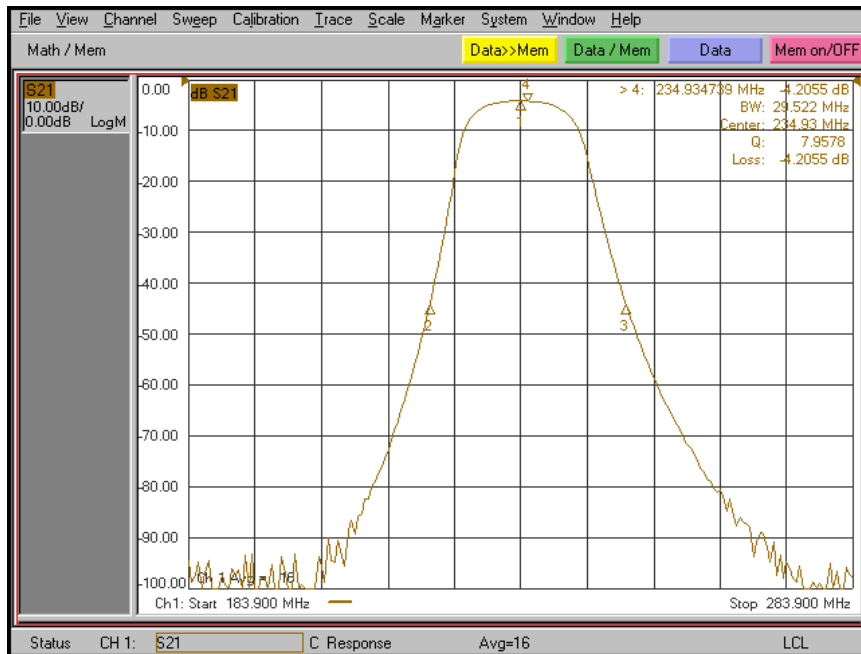


## Typical Performance

### Passband Amplitude (1 dB/div)



### Overall Response (10 dB/div)



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91 Avenel Street  
Avenel, NJ 07001

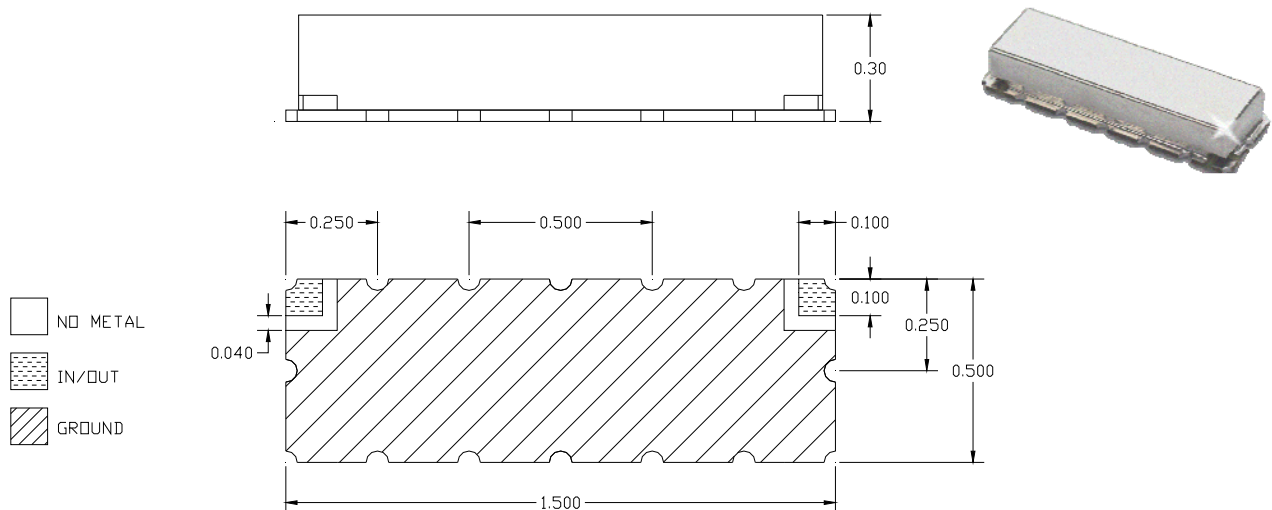
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# KR Electronics 3199+

## 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	29 MHz typical
Source	75 $\Omega$	
Load	200 $\Omega$	
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.