

# KR Electronics, Inc.

## General Description

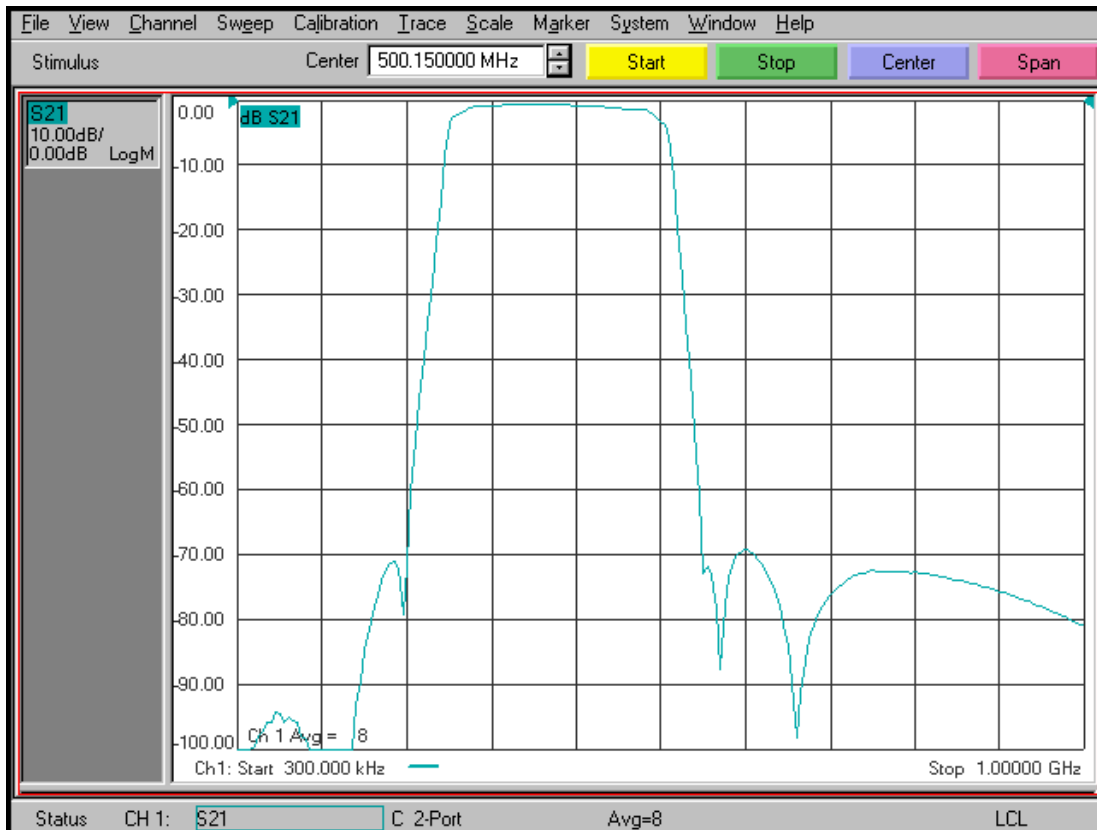
KR Electronics part number 3209 is a 375 MHz bandpass filter. The filter has a minimum 3 dB bandwidth of 220 MHz and a maximum 60 dB bandwidth of 355 MHz. Other center frequencies and are bandwidths available. Please consult the factory.

### Features

- 375 MHz Bandpass
- 3 dB Bandwidth 220 MHz min
- Highly Selective Elliptic Type
- 50  $\Omega$  Source and Load
- Surface Mount
- SMA Connectors Available

## Typical Performance

### Overall Response (10 dB/div)

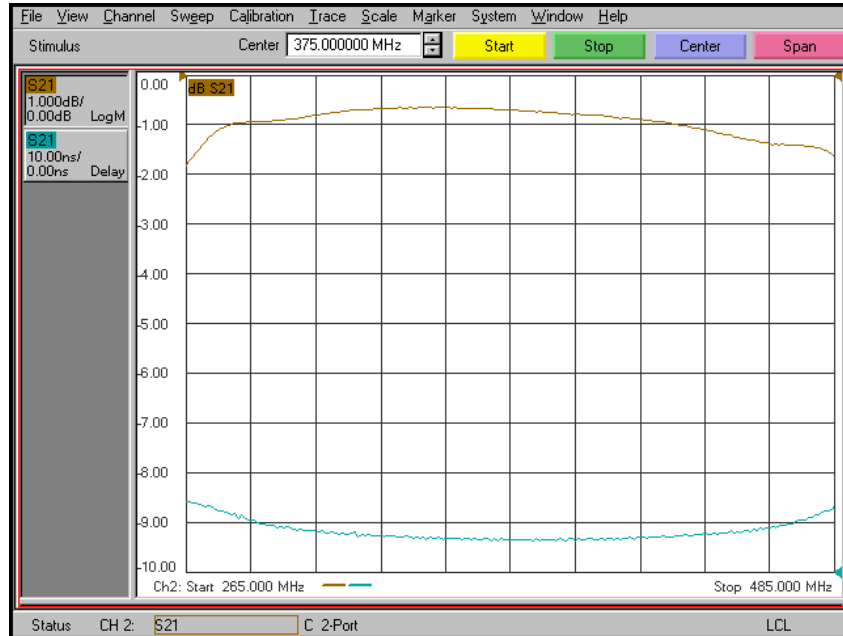


KR Electronics, Inc.  
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Avenel, NJ 07001

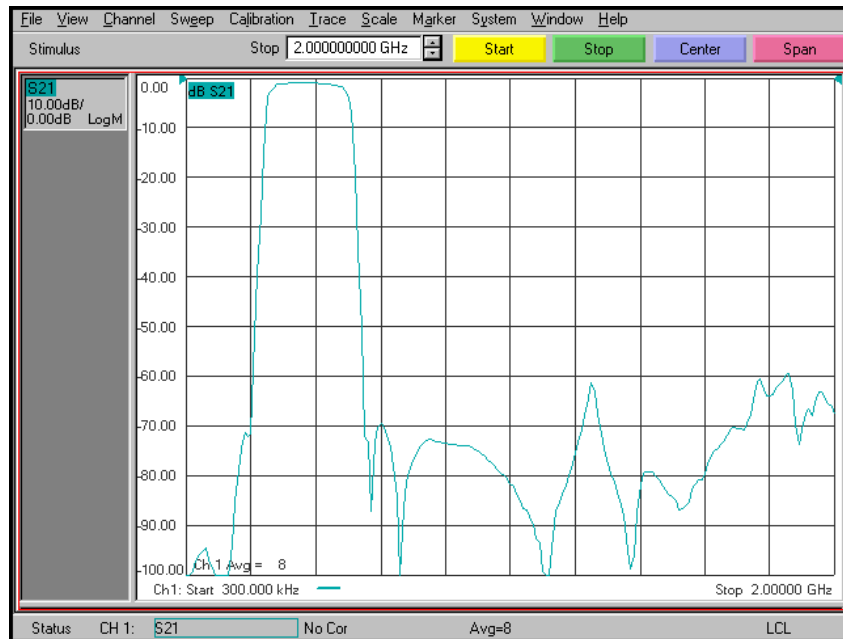
Web [www.krfilters.com](http://www.krfilters.com)  
Email [sales@krfilters.com](mailto:sales@krfilters.com)  
Phone (732) 636-2500  
Fax (732) 636-2582

## Typical Performance

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



### Overall Response (10 dB/div)



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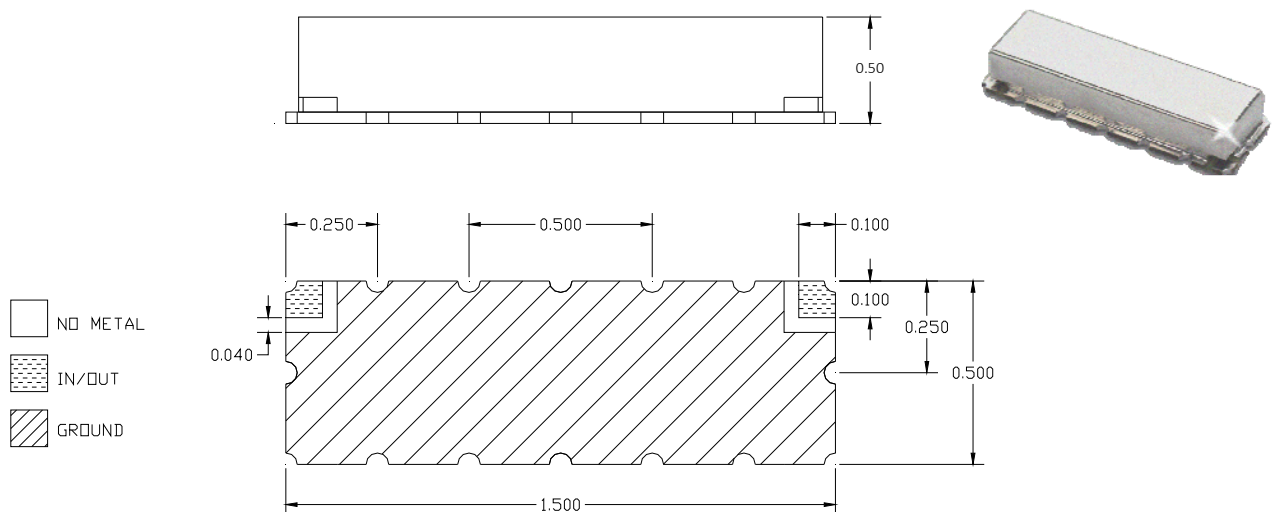
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# KR Electronics 3209

## Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency	375 MHz	
Insertion Loss	1.5 dB max	< 1 dB typical
1 dB Bandwidth	216 MHz typical	
3 dB Bandwidth	220 MHz min	253 MHz typical
40 dB Bandwidth	314 MHz typical	
60 dB Bandwidth	355 MHz max	339 MHz typical
Source and Load	50 Ω	

## 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.
5. Also available with SMA connectors

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