

# KR Electronics, Inc.

## General Description

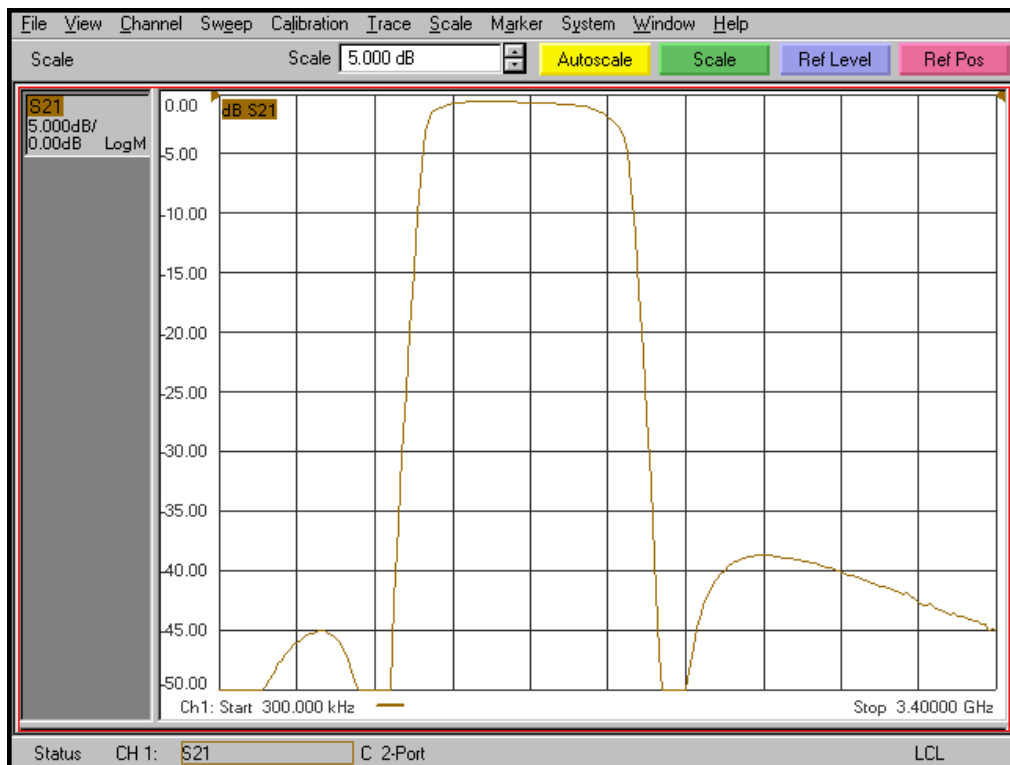
KR Electronics part number 3154 is a 1325 MHz bandpass filter. Other center frequencies are available. Please consult the factory.

### Features

- 1325 MHz Bandpass Filter
- 750 MHz min 2 dB Bandwidth
- Selective Elliptic Type Response
- 50  $\Omega$  Source and Load
- Surface Mount

## Typical Performance

### Overall Response (5 dB/div)

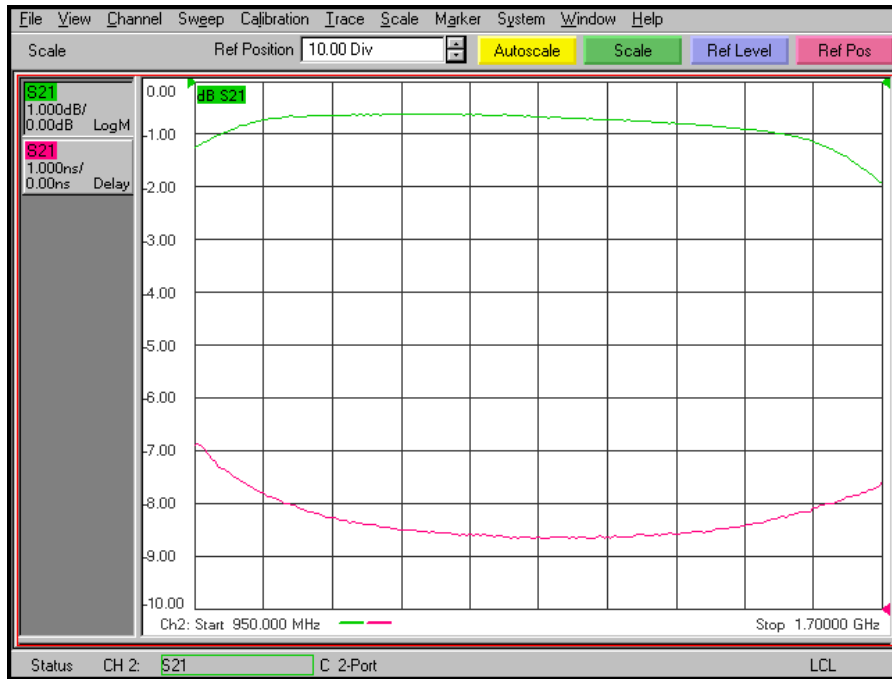


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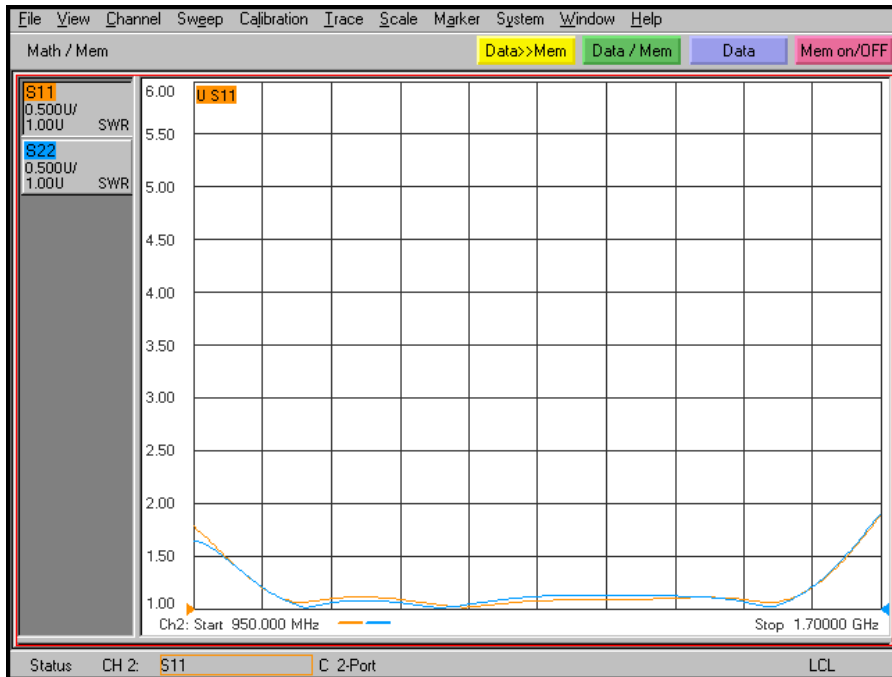
Web [www.krfilters.com](http://www.krfilters.com)  
Email [sales@krfilters.com](mailto:sales@krfilters.com)  
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# KR Electronics 3154

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



## Passband VSWR (0.5 /div)



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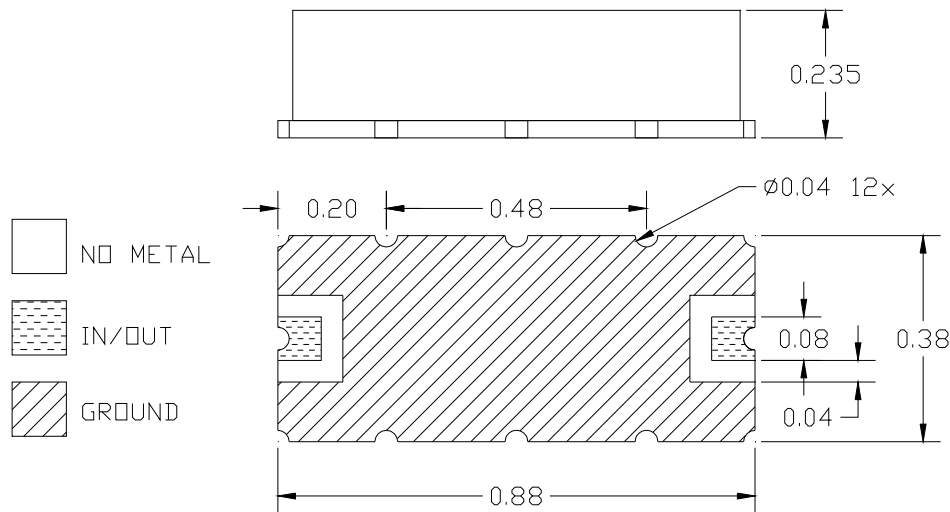
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# KR Electronics 3154

## Specifications

Parameter	Spec	Typical/Notes
Part Number	3154	
Filter type	Bandpass	
Center Frequency (Fc)	1325 MHz	
Insertion Loss at Fc	1.5 dBA min	0.7 dB typical
Rejection at 950 MHz and 1700 MHz	2 dBc max	Relative to Insertion Loss
Rejection at 800 MHz and below	20 dBc min	> 40 dB typical
Rejection at 1900 MHz to 3400 MHz	25 dBc min	> 35 dB typical
Passband Ripple	0.5 dB max	
Source & Load	50 Ω	

## Physical Dimensions



### Notes:

1. Surface mount package
2. Dimensions in inches
3. Max reflow temperature 230° C for 10 sec
4. If boards are cleaned after installation units must be completely dried

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