

## General Description

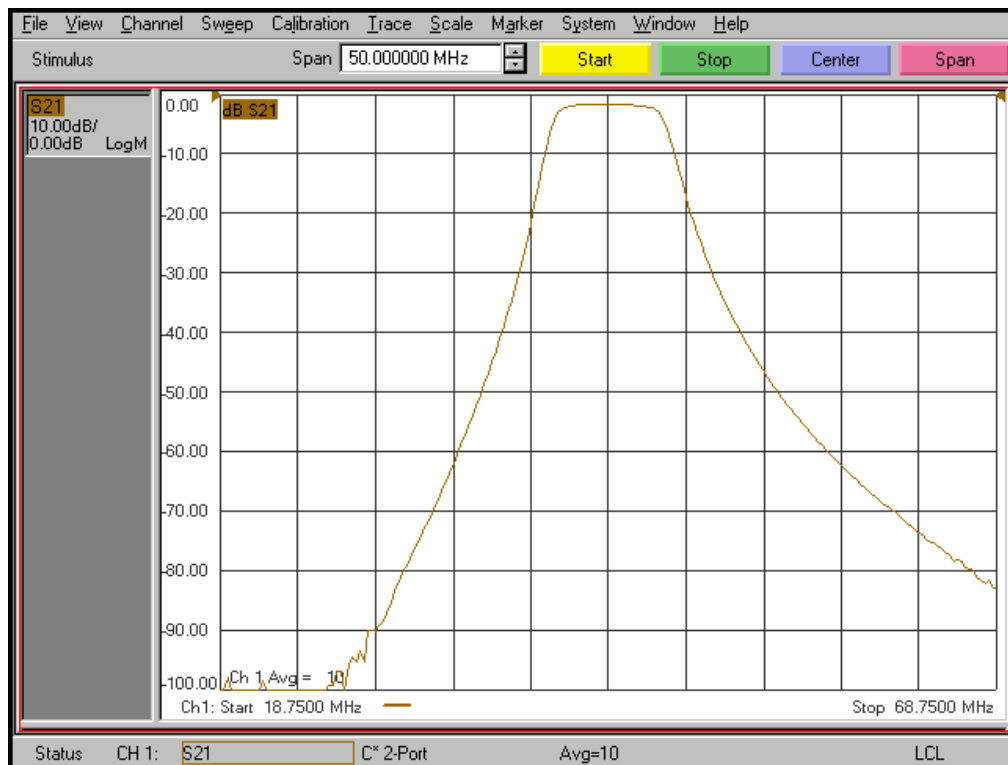
KR Electronics part number 3114 is a 43.75 MHz bandpass filter. The filter has a typical 3 dB bandwidth of 7 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

## Features

- 43.75 MHz Bandpass Filter
- 7 MHz typical 3 dB Bandwidth
- 50  $\Omega$  Source and Load
- Surface Mount
- Also available with SMA Connectors

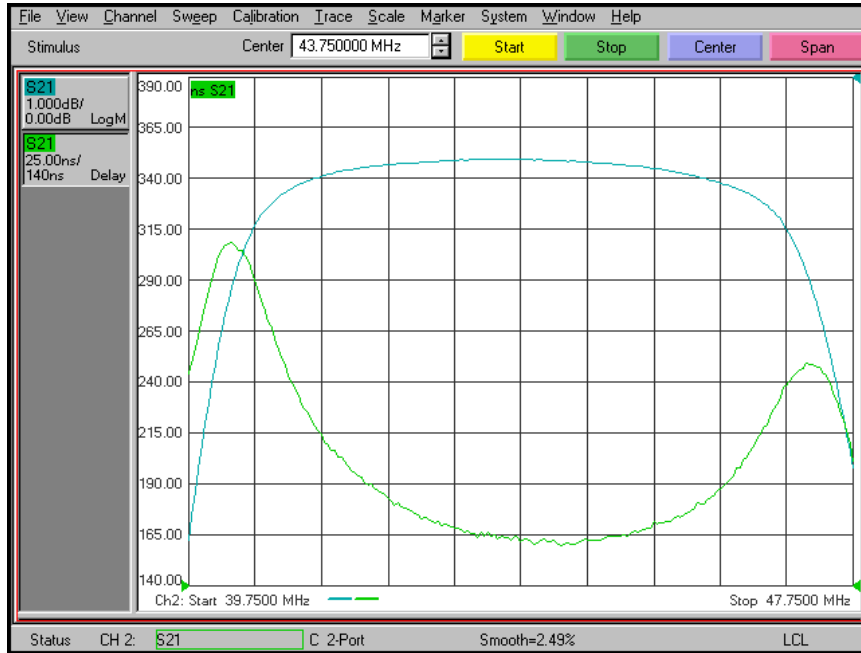
## Typical Performance

### Overall Response (10 dB/div)

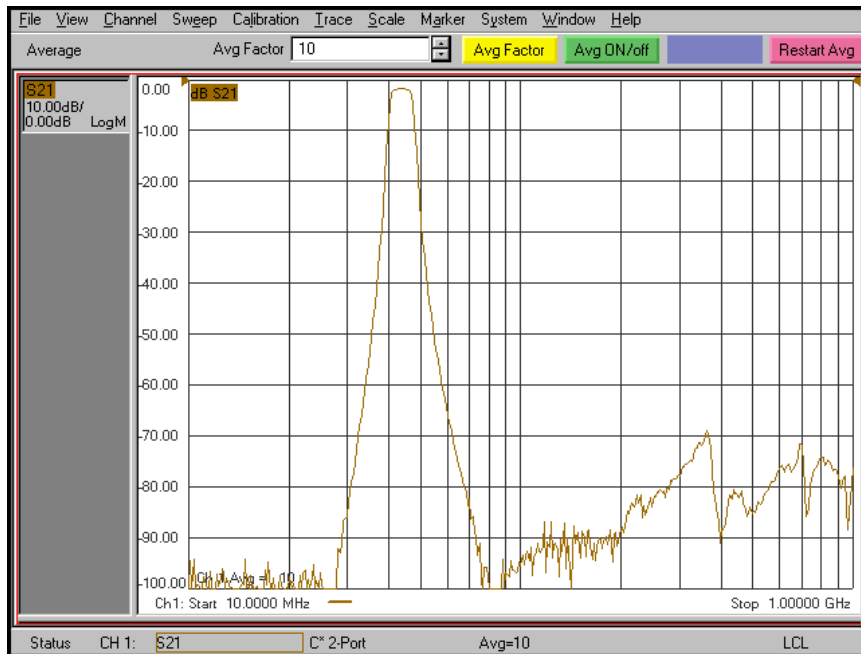


## Typical Performance

### Passband Amplitude & Group Delay (1 dB/div & 25 nsec/div)



### Overall Response (10 dB/div)



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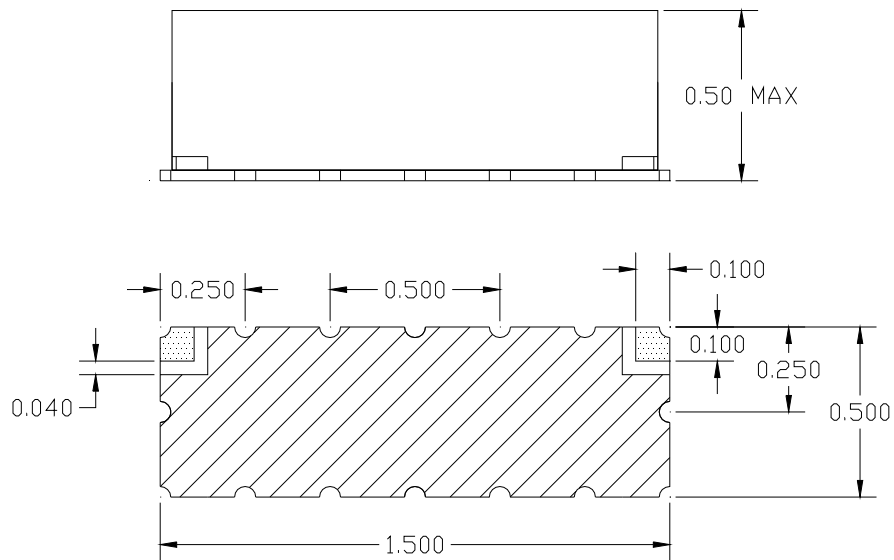
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# KR Electronics 3114

## Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	43.75 MHz	
Insertion Loss	2.5 dBa max	1.6 dBa typical
3 dBc Bandwidth	7 MHz typical	
40 dBc Bandwidth	16 MHz typical	
60 dBc Bandwidth	24.7 MHz typical	
Source and Load	50 $\Omega$	

## Physical Dimensions



### Notes:

1. Surface mount package — Metal cover
2. Dimensions in inches
3. Maximum reflow temperature is 230° C for 10 sec maximum.
4. If boards are cleaned after installation, dry units completely.

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