

# KR Electronics, Inc.

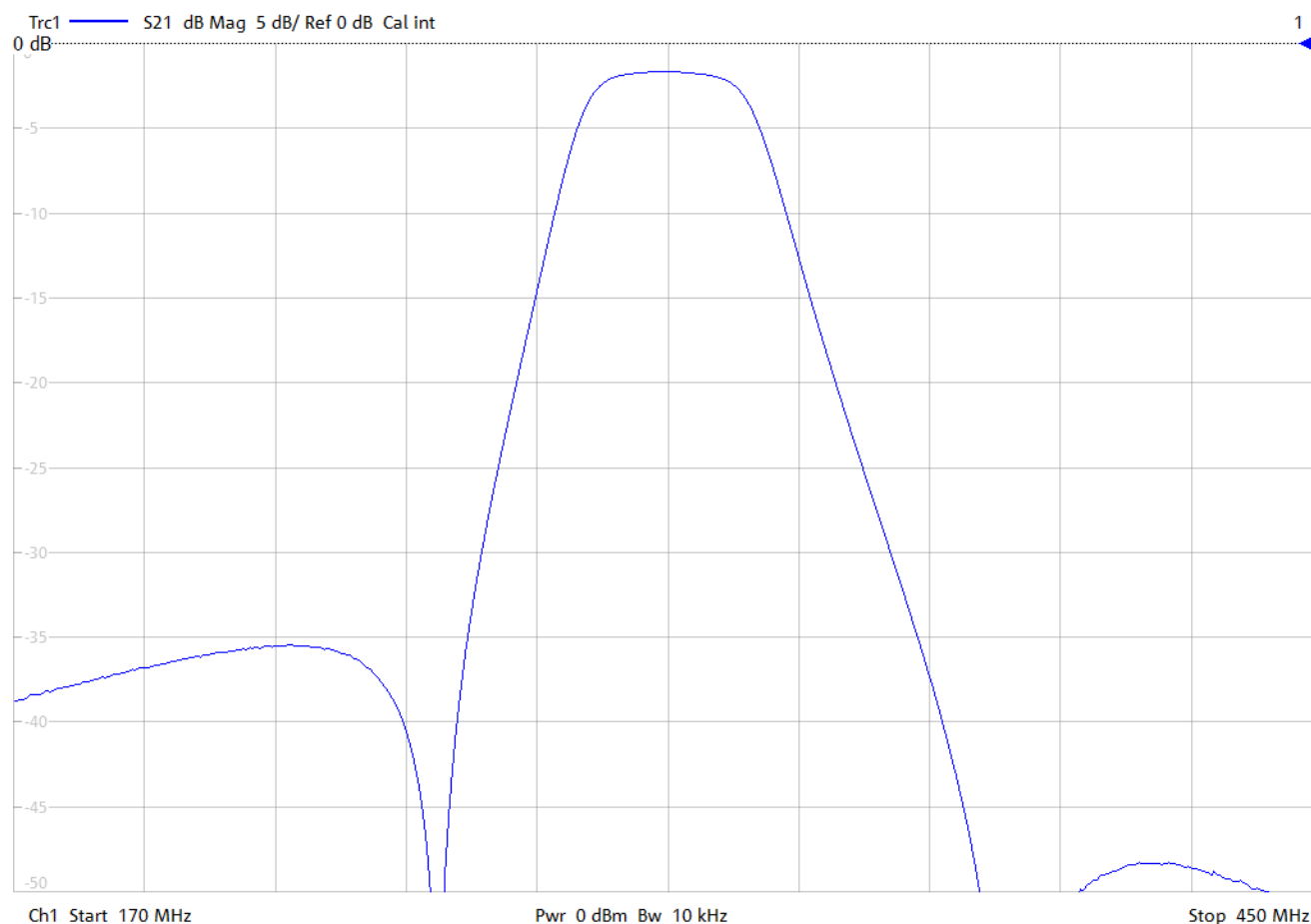
## General Description

KR Electronics part number 3413-310+ is a 310 MHz Bandpass filter. The filter has a typical 1 dB bandwidth of 30 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

## Features

- 310 MHz Bandpass Filter
- Selective Elliptic Type Filter
- 1 dB Bandwidth: 30 MHz typical
- 30 dB Bandwidth: 92 MHz typical
- 50  $\Omega$  Source and Load
- Surface Mount

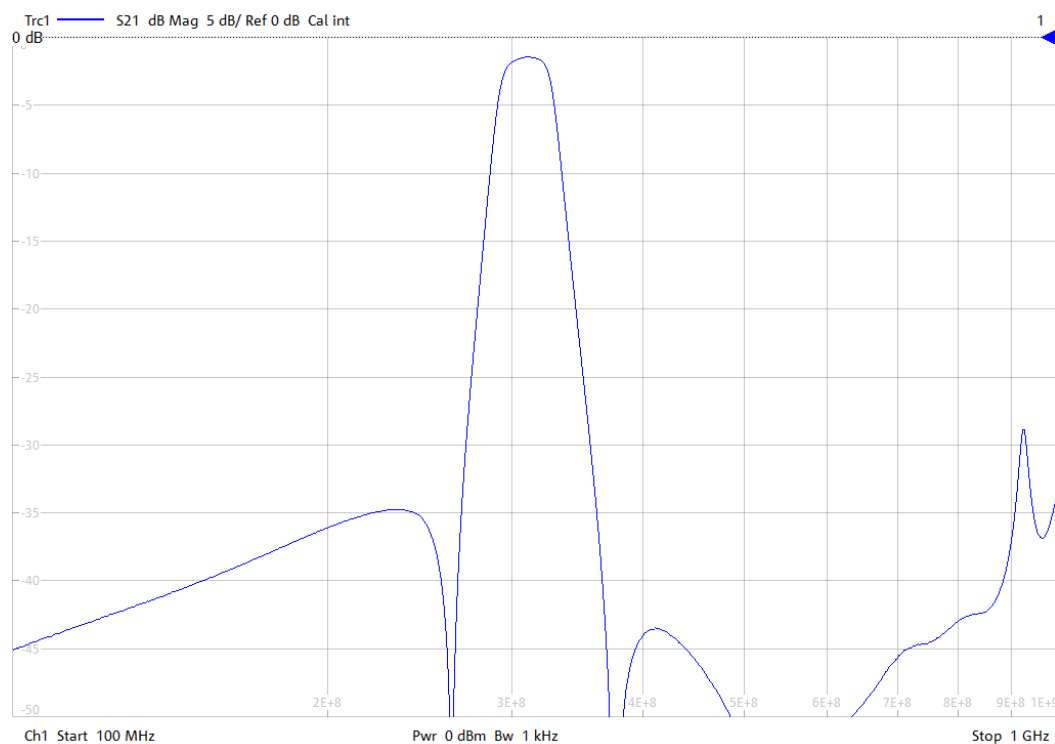
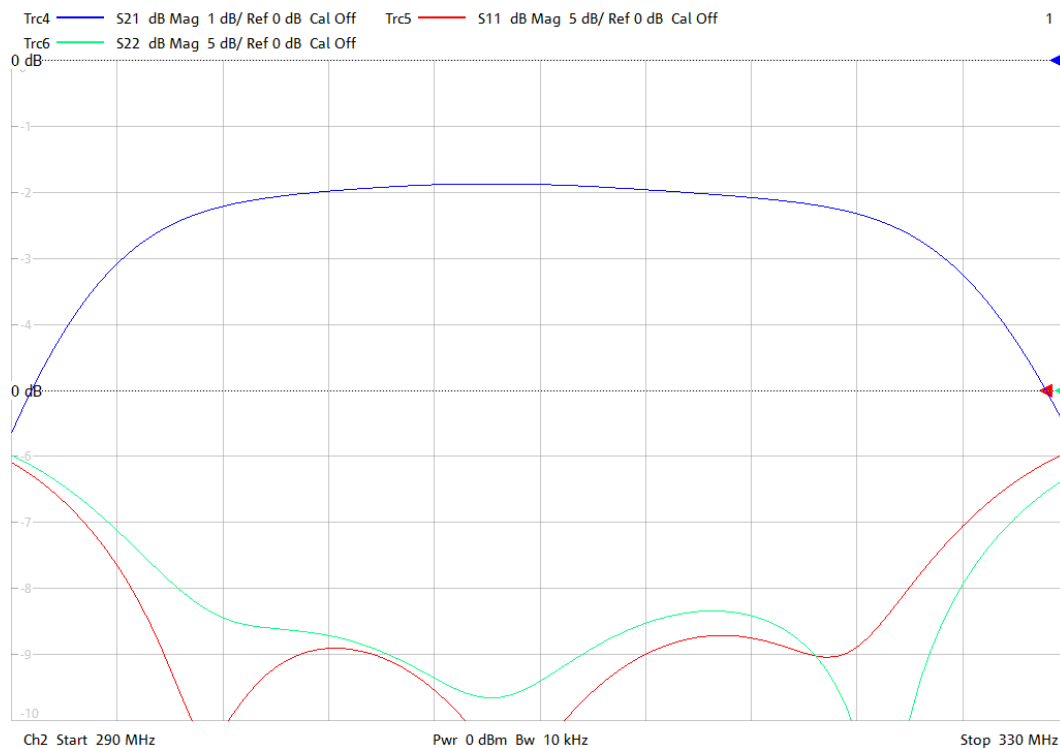
## Typical Performance



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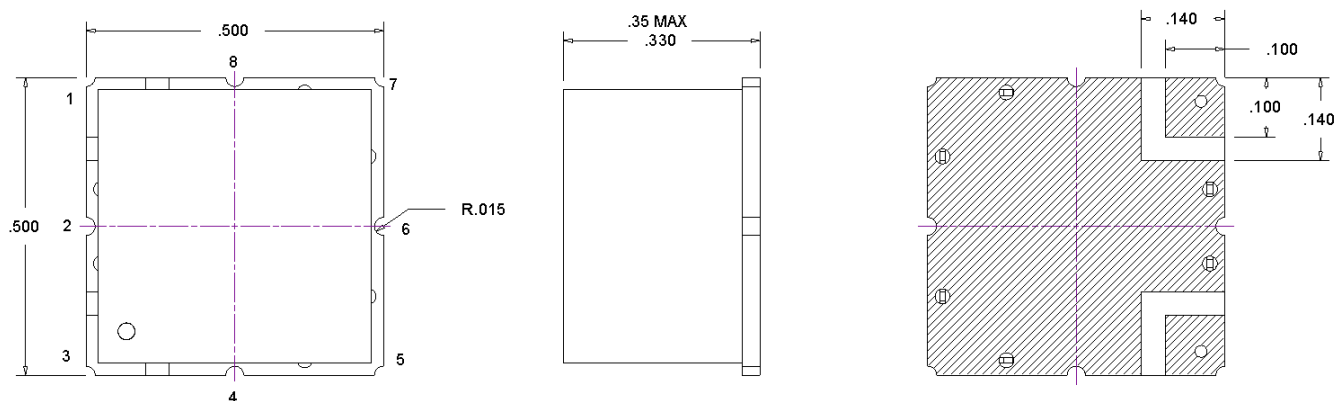
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# KR Electronics 3413-310+

## Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	310 MHz	
Insertion Loss at Fc	2 dBa max	1.5 dBa typical
1 dBc Bandwidth	30 MHz typical	
1.5 dBc Bandwidth	20 MHz min	33 MHz typical
3 dBc Bandwidth	38 MHz typical	
30 dBc Bandwidth	100 MHz max	92 MHz typical
Maximum Input Power 360 to 380 MHz	2 Watts	
Source and Load	50 $\Omega$	

## Physical Dimensions



PIN	
1	IN/OUT
3	IN/OUT
2,4,5,6,7,8	GROUND

### Notes:

1. Surface mount package
2. Dimensions in inches
3. Tolerance on outside dimensions  $\pm 0.020$  unless noted
4. Max reflow temperature 230° C for 10 sec
5. If boards are cleaned after installation units must be completely dried

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