

# KR Electronics, Inc.

## General Description

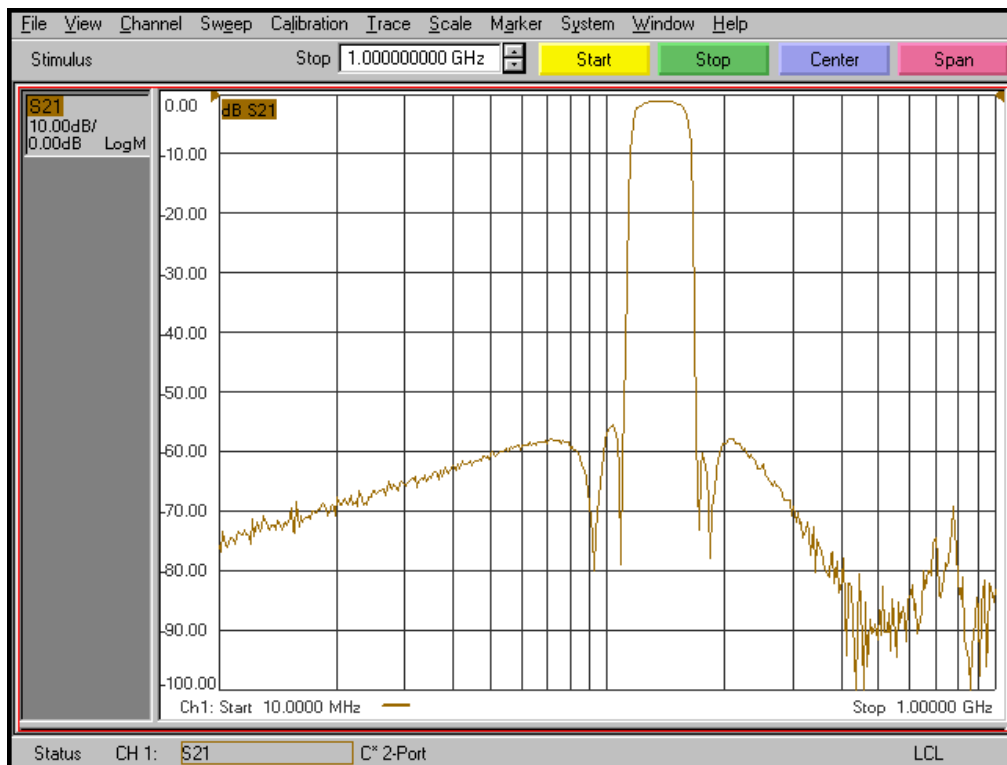
KR Electronics part number 3135-140-20 is a 140 MHz bandpass filter. The filter has a min 1 dB bandwidth of 20 MHz. Other frequencies are available. Please consult the factory.

## Features

- 140 MHz Bandpass Filter
- 20 MHz min Bandwidth
- Sharp Elliptic Transition to Stopband
- 50  $\Omega$  Source and Load
- Surface Mount Package
- Also Available with SMA Connectors

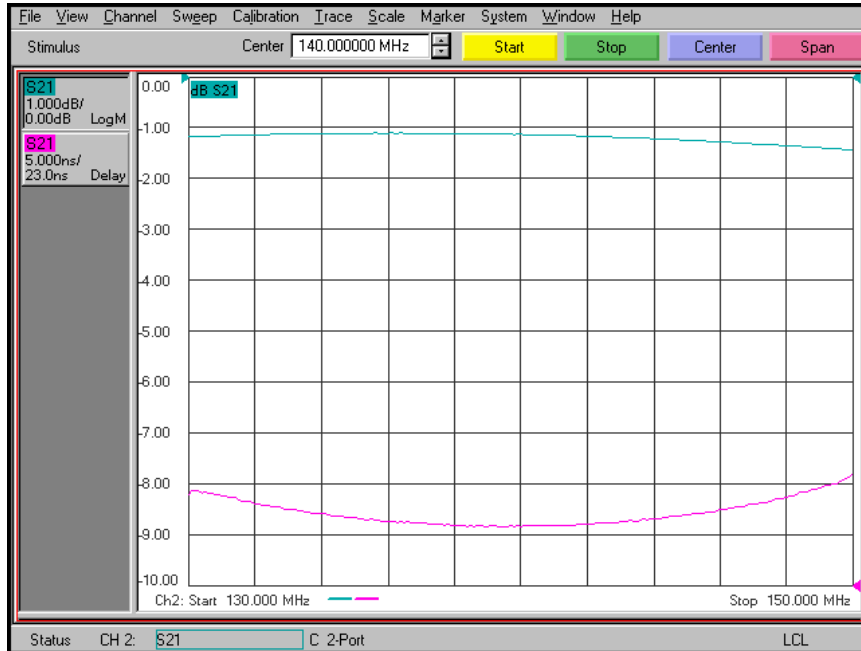
## Typical Performance

**Overall Response**  
(10 dB/div)



Typical Performance

Passband Amplitude & Group Delay  
(1 dB/div & 5 nsec/div)



Overall Response  
(10 dB/div)



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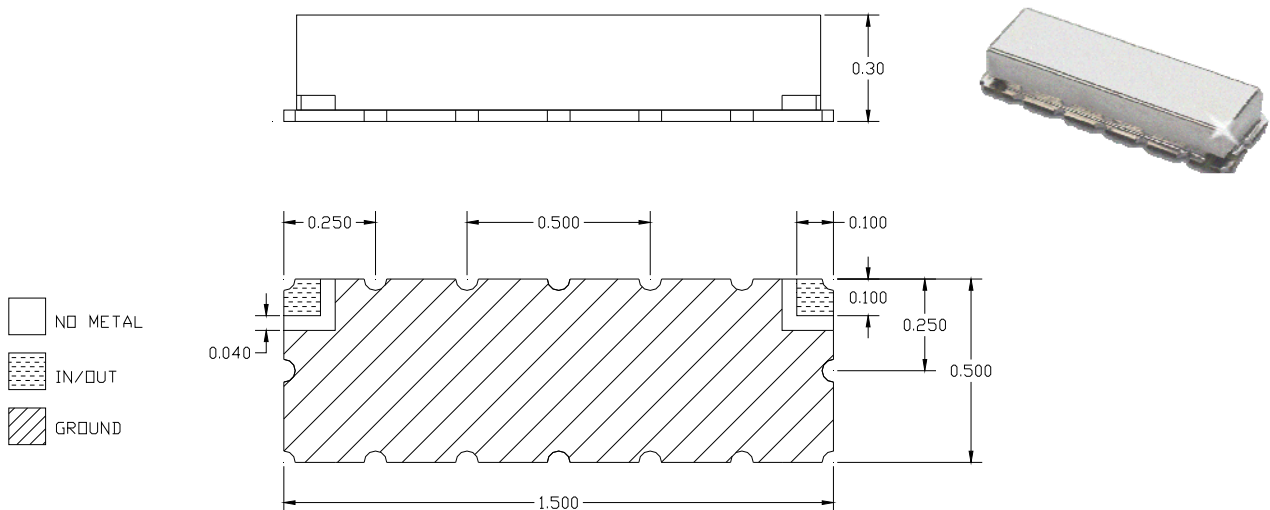
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# KR Electronics 3135-140-20

## Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency (Fc)	140 MHz	
Insertion Loss (at Fc)	2 dBa max	1 dBa typical
Attenuation at 130 MHz	1 dBc max	Relative to Insertion Loss at Fc
Attenuation at 140 MHz	1 dBc max	Relative to Insertion Loss at Fc
1 dBc Bandwidth	20 MHz min	36 MHz typical
45 dBc Bandwidth	60 MHz max	58 MHz typical
Source and Load	50 $\Omega$	

## 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.

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