

# KR Electronics, Inc.

## General Description

KR Electronics part number 3211 is a group delay equalized 105 MHz bandpass filter. The filter has a minimum 2 dB bandwidth of 30 MHz and a maximum 45 dB bandwidth of 47 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

## Features

- 105 MHz Bandpass Filter
- 2 dB Bandwidth, 30 MHz min
- 45 dB Bandwidth, 47 MHz max
- Sharp Elliptic Type Design
- Group Delay Equalized
- 50  $\Omega$  Source and Load
- Surface Mount
- Available with SMA Connectors

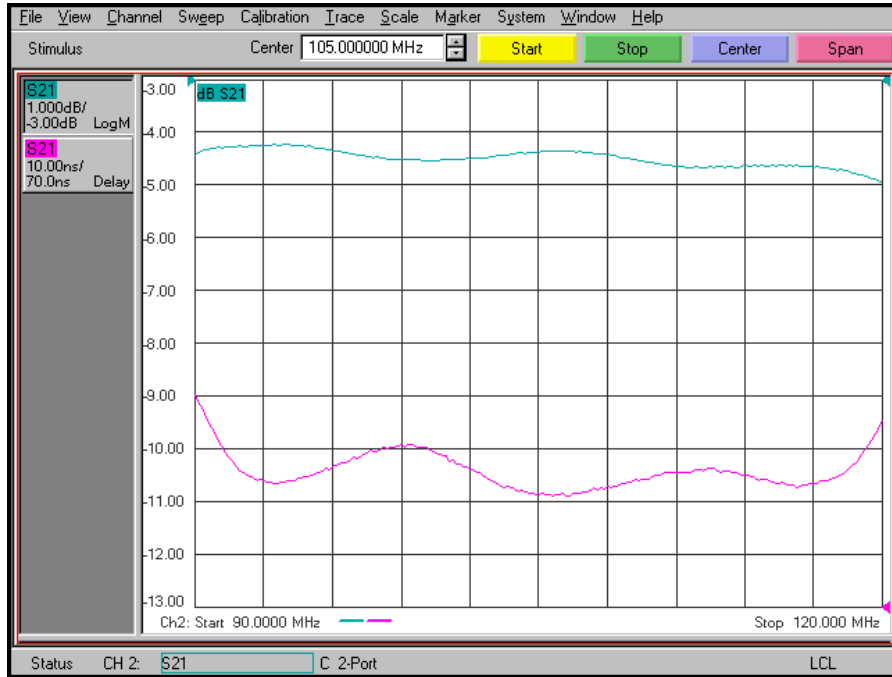
## Typical Performance

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



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



## Overall Response (10 dB/div)



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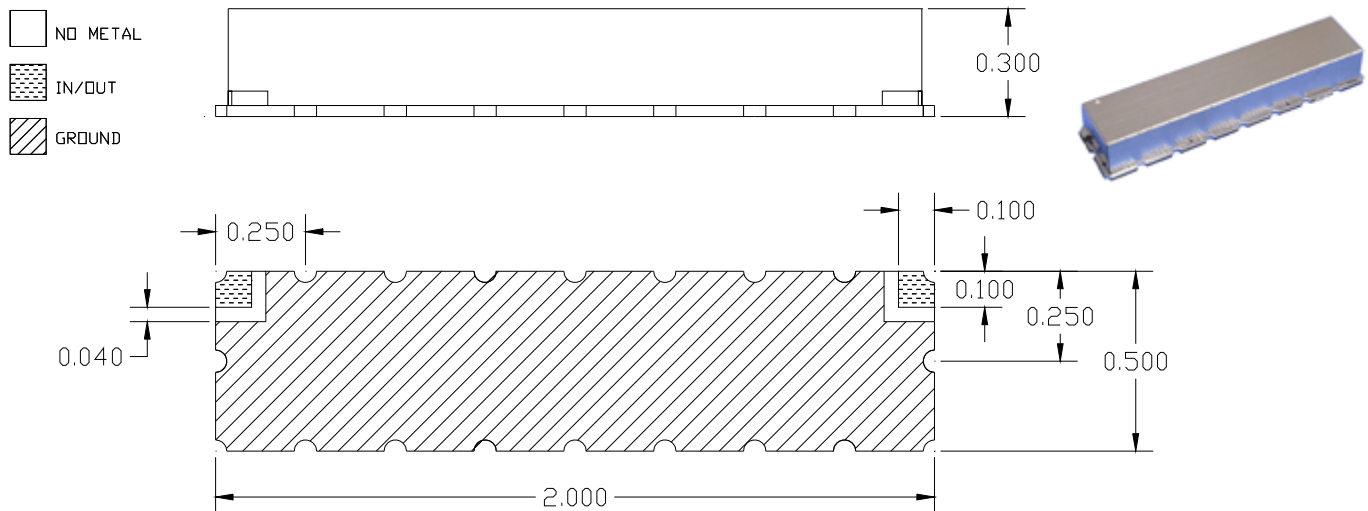
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# KR Electronics 3211

## Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	105 MHz	
Insertion Loss	5 dB max	4.5 dB typical
2 dB Bandwidth	30 MHz min	34.4 MHz typical
45 dB Bandwidth	47 MHz max	45.5 MHz typical
55 dB Bandwidth	51 MHz max	47.3 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 209° C for 10 sec maximum.
4. If boards are cleaned after installation, units must be completely dried.

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