

# KR Electronics, Inc.

## General Description

KR Electronics part number 3268-100 is a group delay equalized 187.5 MHz Bandpass filter. The filter has a min 1 dB bandwidth of 100 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

## Features

- 187.5 MHz Bandpass Filter
- Group Delay Equalized
- 1 dB Bandwidth 100 MHz min
- Selective Elliptic Type Design
- 50  $\Omega$  Source and Load
- Other frequencies available
- Also available with SMA Connectors

## Typical Performance

### Overall Response (5 dB/div)



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## Passband Amplitude & Group Delay (1 dB/div & 2 nsec/div)



## Overall Response (5 dB/div)



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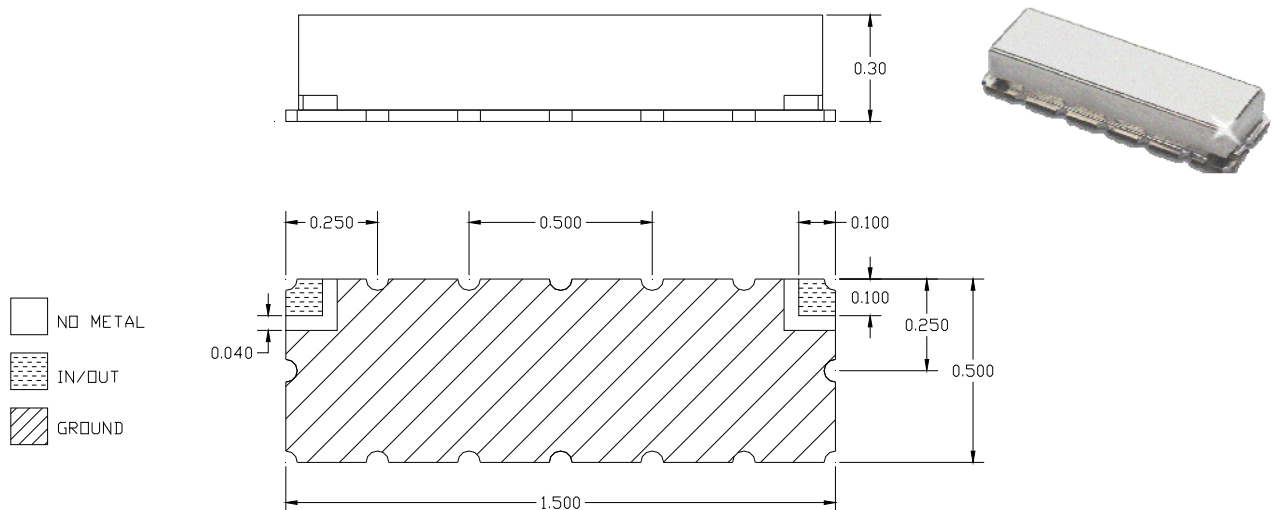
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## Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	187.5 MHz	
Insertion Loss at Fc	2 dBa max	1 dBa typical
1 dBc Bandwidth	100 MHz min	126 MHz typical
3 dBc Bandwidth	135 MHz typical	
15 dBc Bandwidth	150 MHz max	146 MHz typical
20 dBc Bandwidth	148 MHz typical	
Group Delay Variation 137.5-237.5 MHz	4 nsec max	2 nsec typical
Source and 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