

# KR Electronics, Inc.

## General Description

KR Electronics part number 2587-125-1 is a 125 MHz bandpass filter. The filter has a min 1 dB bandwidth of 30 MHz. Elliptic type response for quick transition to the stopband. Other frequencies are available. Please consult the factory.

## Features

- 125 MHz Bandpass Filter
- 30 MHz min 1 dB Bandwidth
- 75 MHz max 55 dB Bandwidth
- Elliptic Type Response
- 50  $\Omega$  Source and Load
- Surface Mount Package
- SMA Connectors Also Available

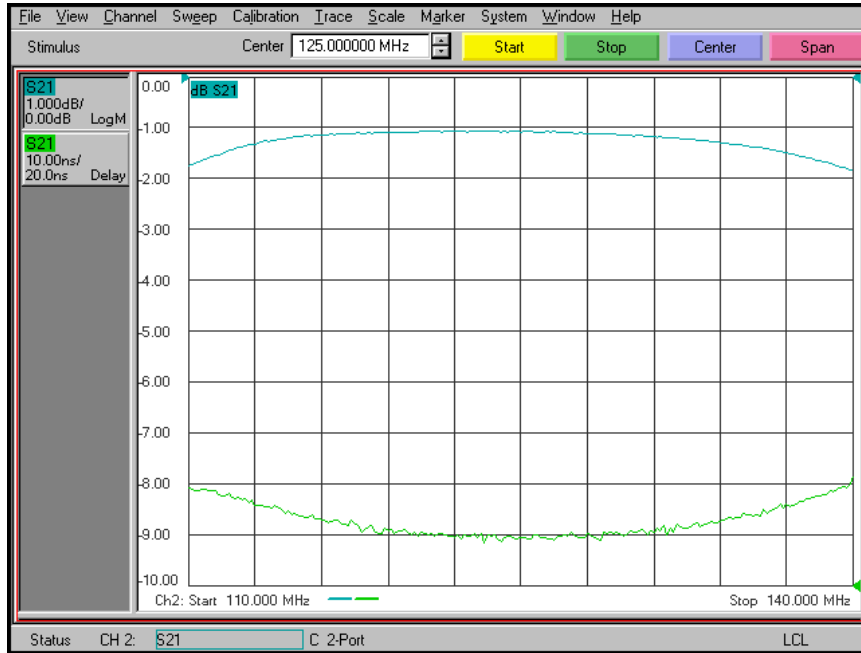
## Typical Performance

### Overall Response (10 dB/div)



Typical Performance

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



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



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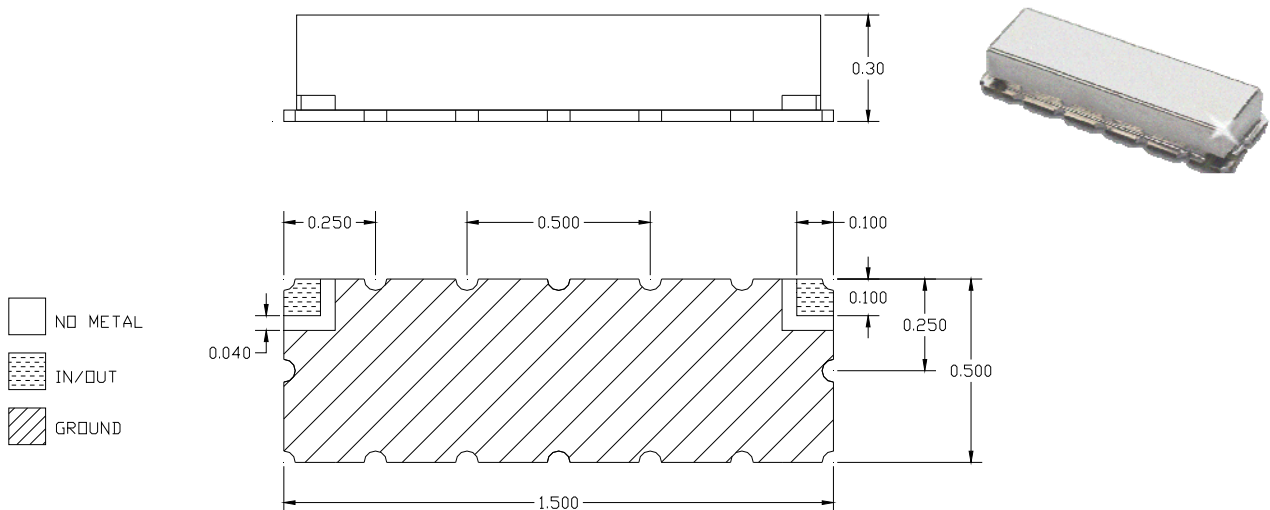
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# KR Electronics 2587-125-1

## Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency (Fc)	125 MHz	
Insertion Loss (at Fc)	4 dBa max	< 1.25 dBa typical
1 dBc Bandwidth	30 MHz min	
55 dBc Bandwidth	75 MHz max	
Source and Load	50 Ω	

## 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.
5. Also available with SMA connectors. See part number 2587-125

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