

## General Description

KR Electronics part number 3283 is a 500 MHz Bandpass filter. The filter has a min 0.5 dB bandwidth of 500 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

## Features

- 500 MHz Bandpass Filter
- 0.5 dB Bandwidth 500 MHz min
- Selective Elliptic Type Design
- 50  $\Omega$  Source and Load
- Other frequencies available
- Also available with SMA Connectors

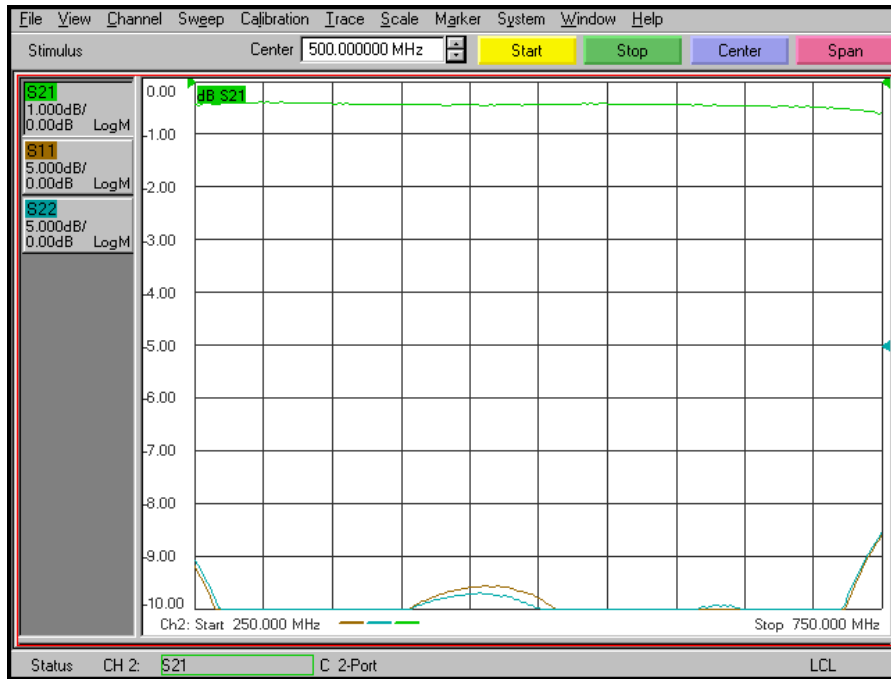
## Typical Performance

### Overall Response (10 dB/div)



# KR Electronics 3283

## Passband Amplitude & Return Loss (1 dB/div & 5 dB/div)



## Overall Response (10 dB/div)



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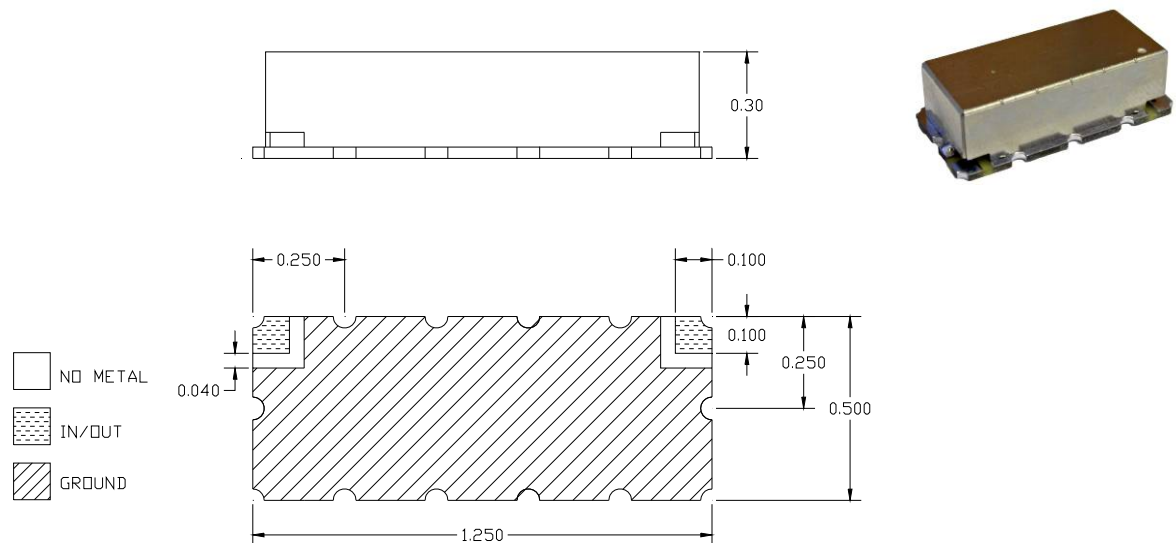
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# KR Electronics 3283

## Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	500 MHz	
Insertion Loss at Fc	1 dBa max	0.5 dBa typical
0.5 dBc Bandwidth	500 MHz min	Passband 250-750 MHz
Rejection 1250 MHz to 3000 MHz	30 dB min	
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