

# KR Electronics, Inc.

## General Description

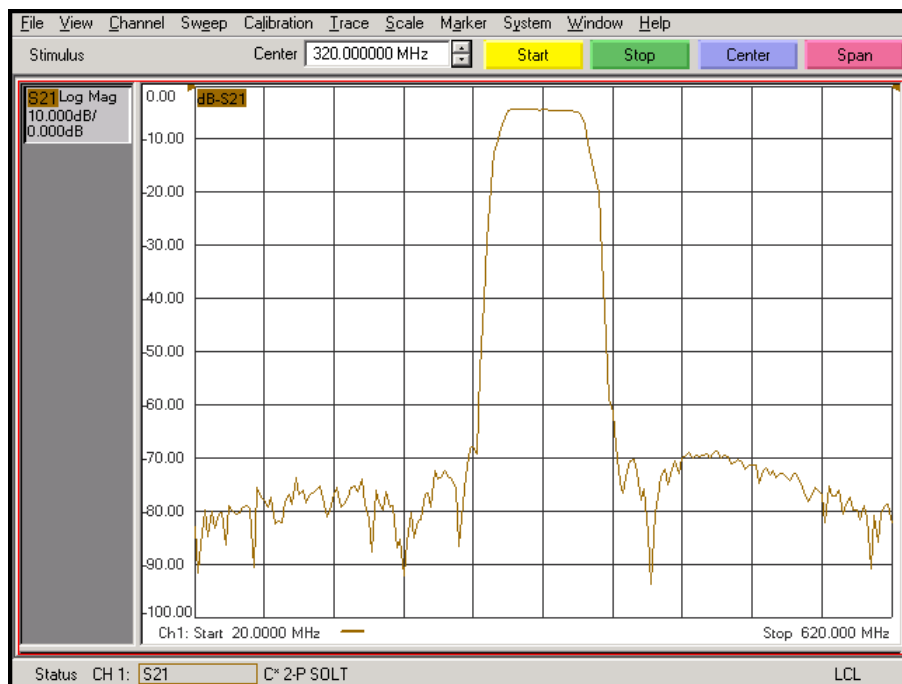
KR 2986 is a 320 MHz bandpass filter. The 1 dB bandwidth is 60 MHz minimum. The filter is group delay and amplitude equalized. Other center frequencies and bandwidths available. Please consult the factory.

## Features

- 320 MHz Center Frequency
- 60 MHz min 1 dB Bandwidth
- Group Delay/Phase Equalized
- Elliptic Response
- SMA Connectors
- 50  $\Omega$  Source and Load

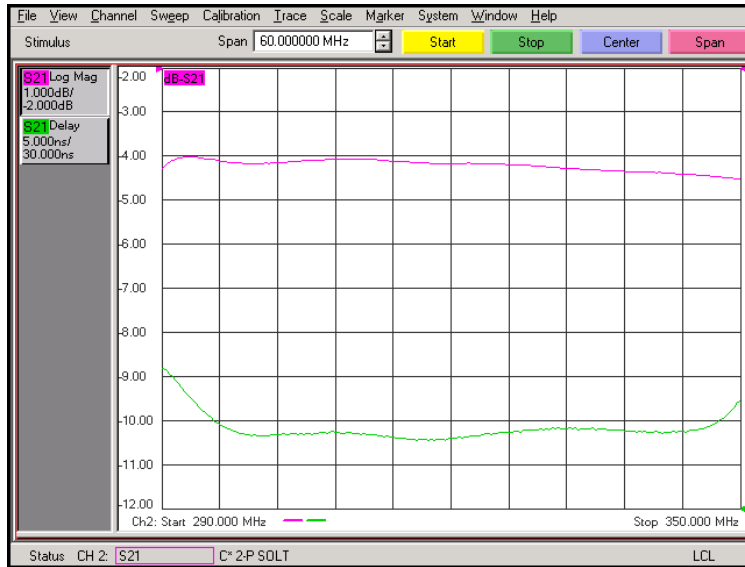
## Typical Performance

### Overall Response (10 dB/div)



## Typical Performance

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



### Overall Stopband to 1 GHz (10 dB/div)



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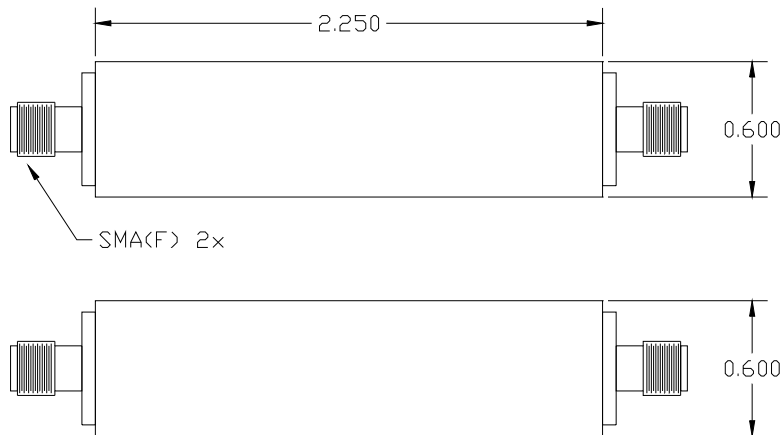
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# KR Electronics 2986

## Specifications

| Parameter              | Specification         |
|------------------------|-----------------------|
| Filter type            | Bandpass              |
| Center Frequency       | 320 MHz               |
| Insertion Loss         | < 5 dB (4 dB typical) |
| Minimum 1 dB Bandwidth | 60 MHz                |
| Attenuation 264 MHz    | 50 dB min             |
| Attenuation 380 MHz    | 50 dB min             |
| Source and Load        | 50 Ω                  |

## Physical Dimensions



### Notes:

1. Dimensions in inches
2. Rectangular case
3. Also available in surface mount package 0.5" x 2.0" x 0.30"

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