

KR Electronics, Inc.

General Description

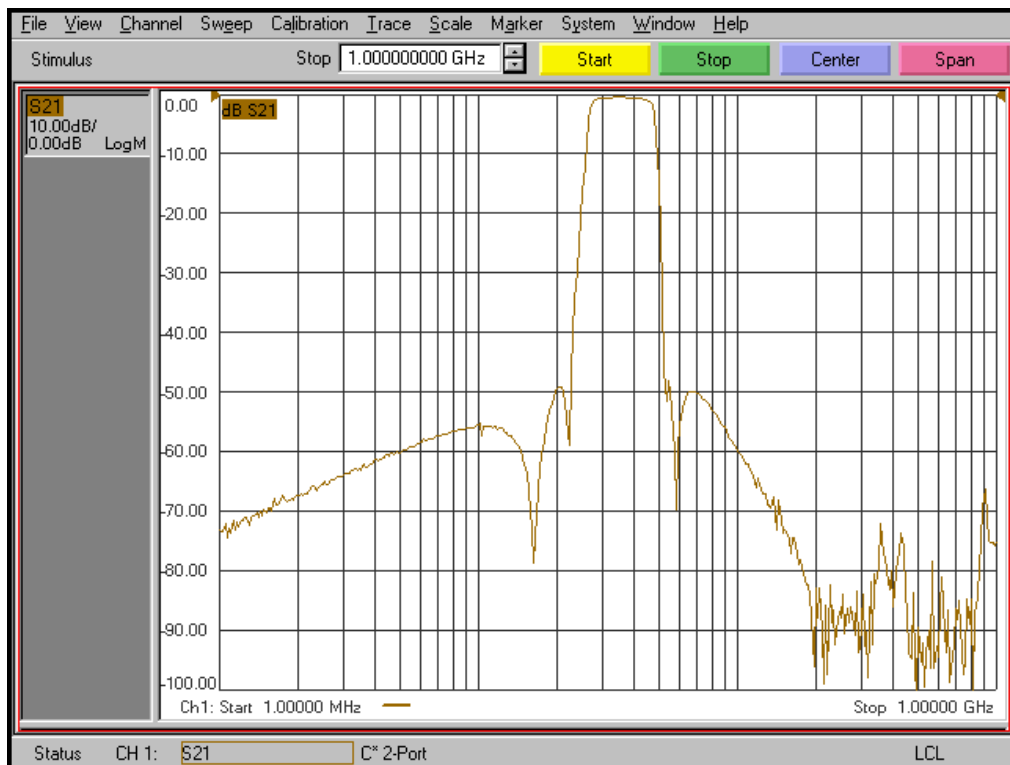
KR Electronics part number 3010-SMA is a 37.5 MHz band-pass filter. The filter has a 3 dB bandwidth of 20 MHz min. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 37.5 MHz Bandpass Filter
- 20 MHz min 3 dB Bandwidth
- 30 MHz max 40 dB Bandwidth
- Selective Elliptic Type Filter
- 50 Ω Source and Load
- SMA Connectors
- Also available in surface mount

Typical Performance

Overall Response (10 dB/div)

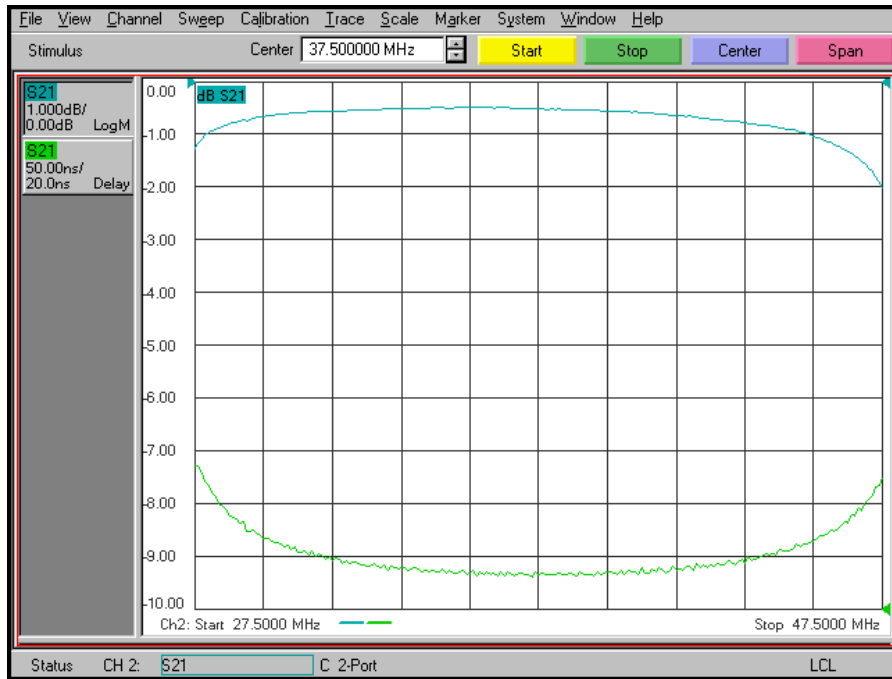


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Avenel, NJ 07001

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Phone (732) 636-1900
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KR Electronics 3010-SMA

Passband Amplitude & Group Delay (1 dB/div & 50 nsec/div)



Overall Response (10 dB/div)



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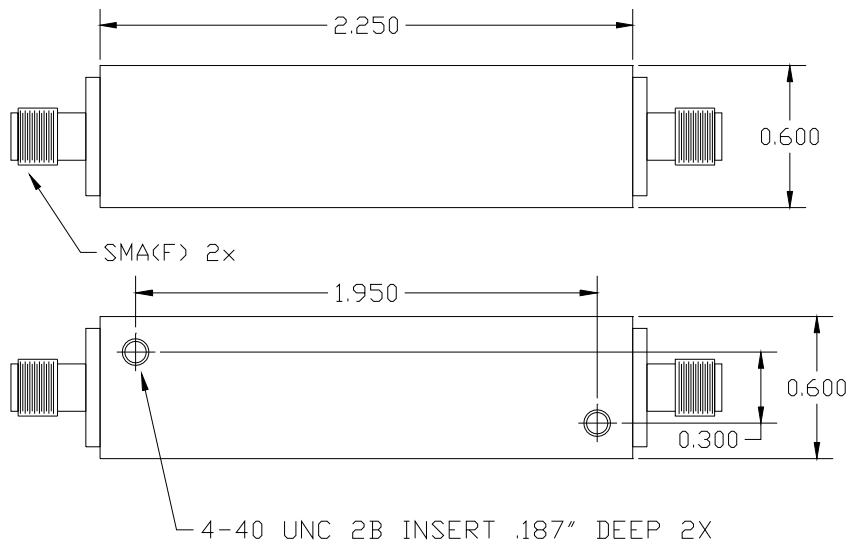
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Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency	37.5 MHz	
Insertion Loss	1 dB max	
3 dB Bandwidth	20 MHz min	
Rejection at 22.5 MHz & below	40 dB min	50 dB typical
Rejection at 52.5 MHz & above	40 dB min	50 dB typical
Source and Load	50 Ω	

Physical Dimensions



Notes:

1. Dimensions in inches
2. Rectangular case
3. Also available in surface mount package 1.5" x 0.5" x 0.3" (see part number 3010)

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