

KR Electronics, Inc.

General Description

KR Electronics part number 3142 is a 1 MHz differential notch filter. The filter has a max 3 dB bandwidth of 300 KHz. Other center frequencies and bandwidths available. Please consult the factory.

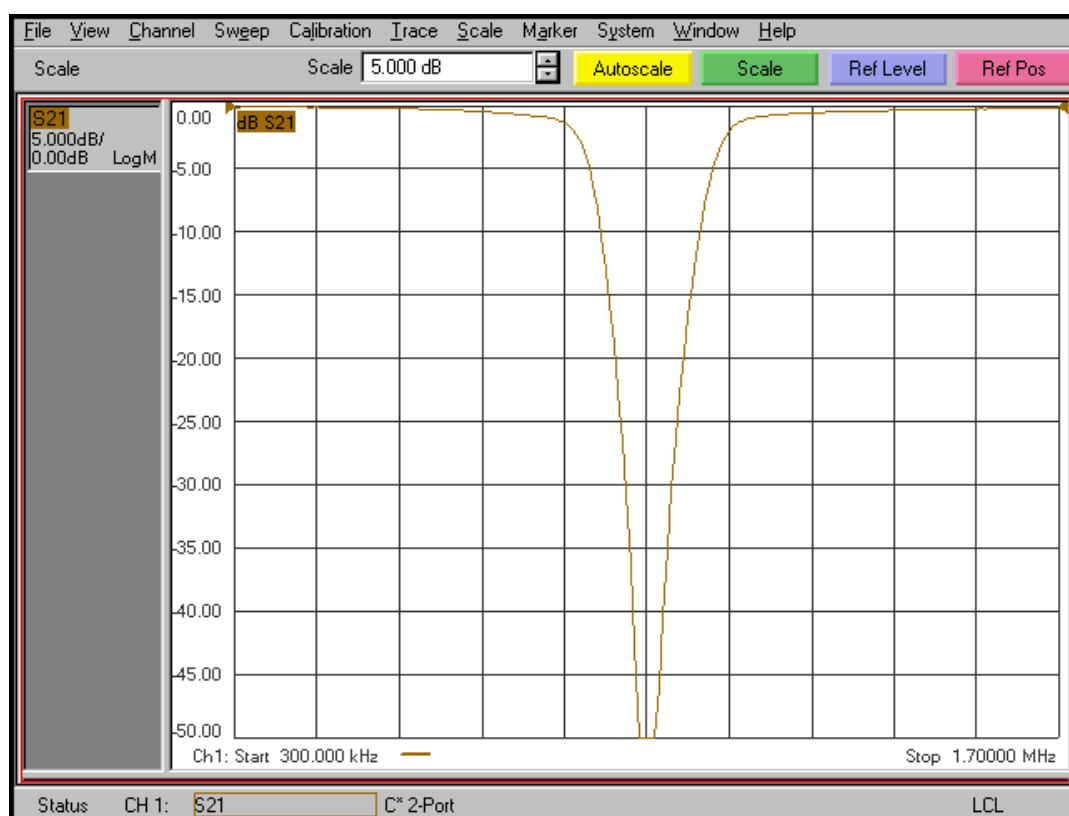
Features

- 1 MHz Notch Frequency
- 300 KHz max 3 dB Bandwidth
- Notch Rejection 40 dB min
- Balanced Input and Output
- 100 Ω Source and Load
- Surface Mount

Typical Performance

Overall Response

(5 dB/div)

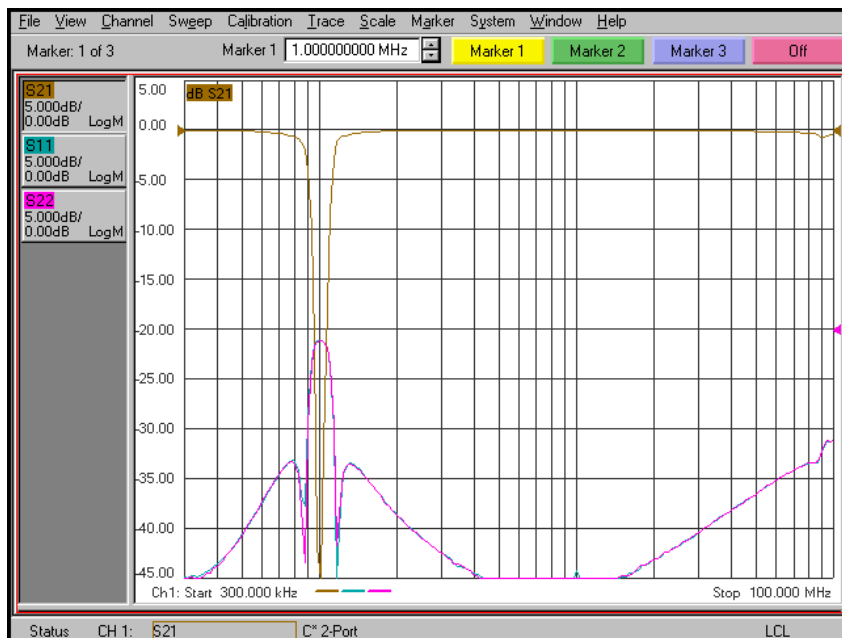


KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

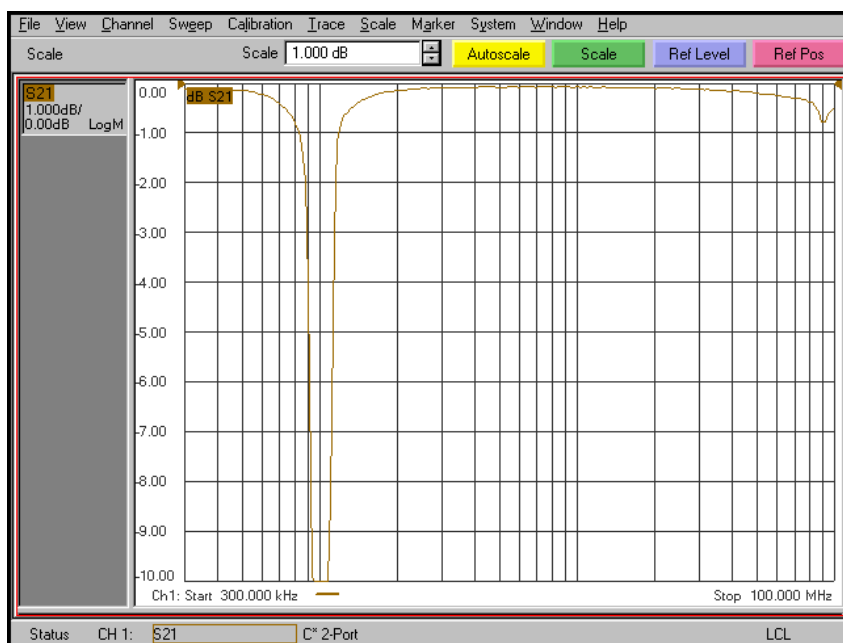
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

Typical Performance

Notch Response (5 dB/div)



Passband Response to 100 MHz (1 dB/div)



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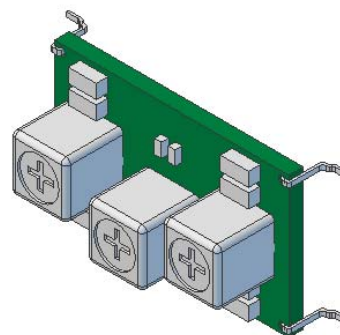
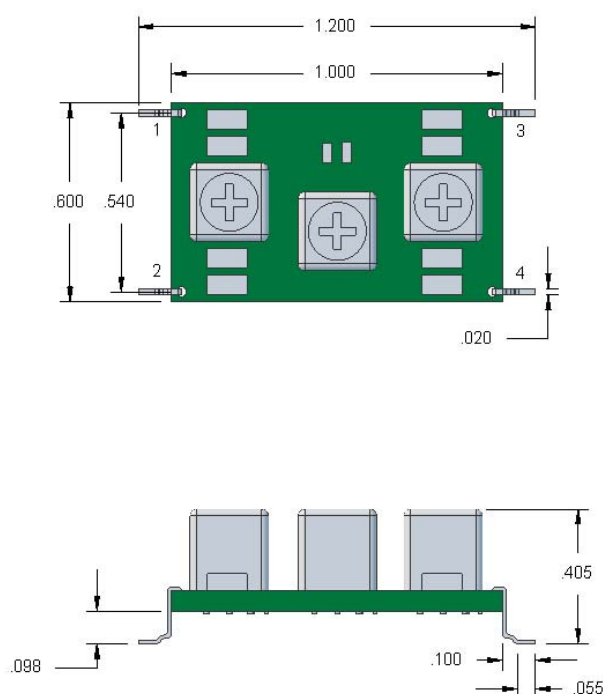
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Specifications

Parameter	Specification	Notes
Filter type	Notch	
Notch Frequency	1 MHz	
Rejection at Notch	40 dB Min	50 dB typical
3 dB Bandwidth	300 KHz max	237 KHz typical
Source and Load	100 Ω	Differential Input and Output

Physical Dimensions



Notes:

1. Dimensions in inches
2. Open Frame
3. Pin 1—In 1
Pin 2—In 2
Pin 3—Out 1
Pin 4—Out 2

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