

KR Electronics, Inc.

General Description

KR Electronics part number 3198+ is a 253.9 MHz band-pass filter. The filter has a 3 dB bandwidth of 20 MHz. Other frequencies are available. Please consult the factory.

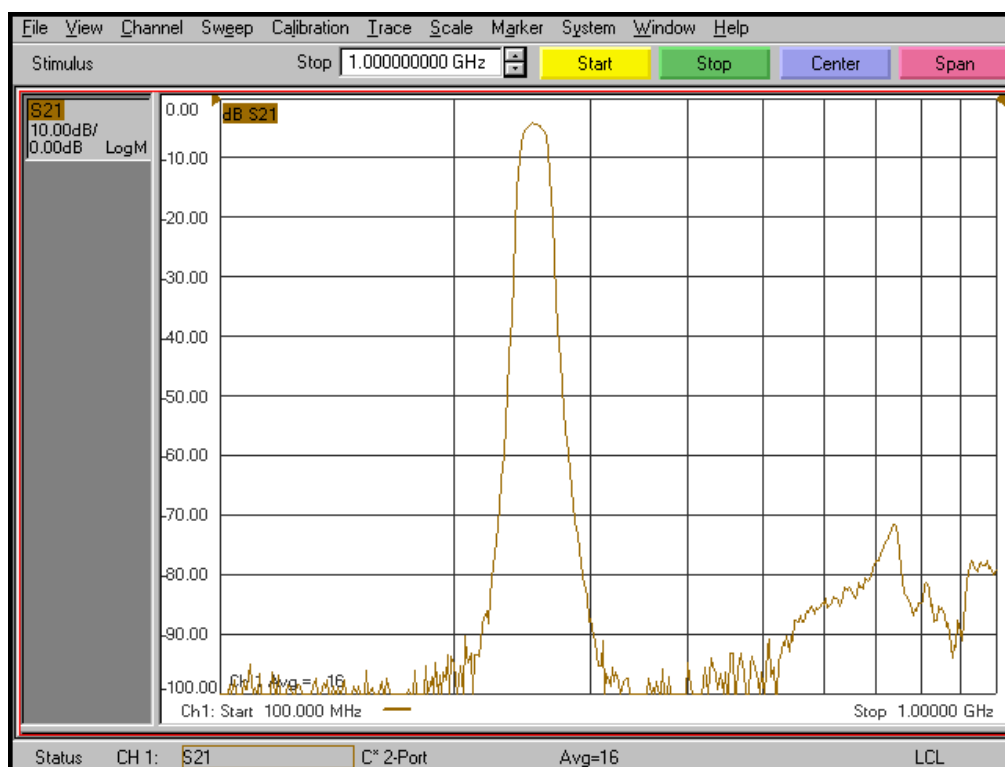
Features

- 253.9 MHz Bandpass Filter
- 3 dB Bandwidth 20 MHz typical
- 50 Ω Source and Load
- Surface Mount Package
- SMA Connectors Also Available

Typical Performance

Overall Response

(10 dB/div)

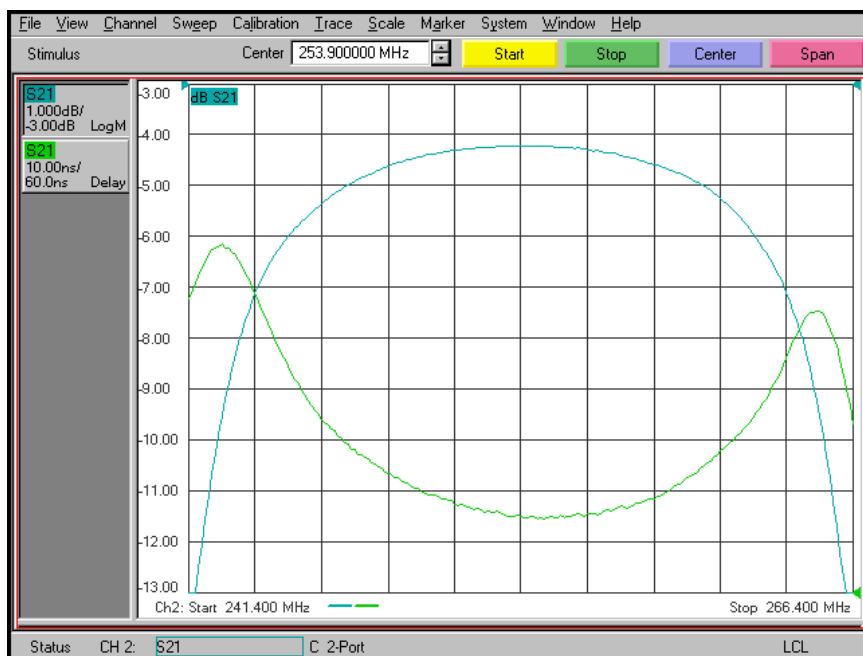


KR Electronics, Inc.
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Avenel, NJ 07001

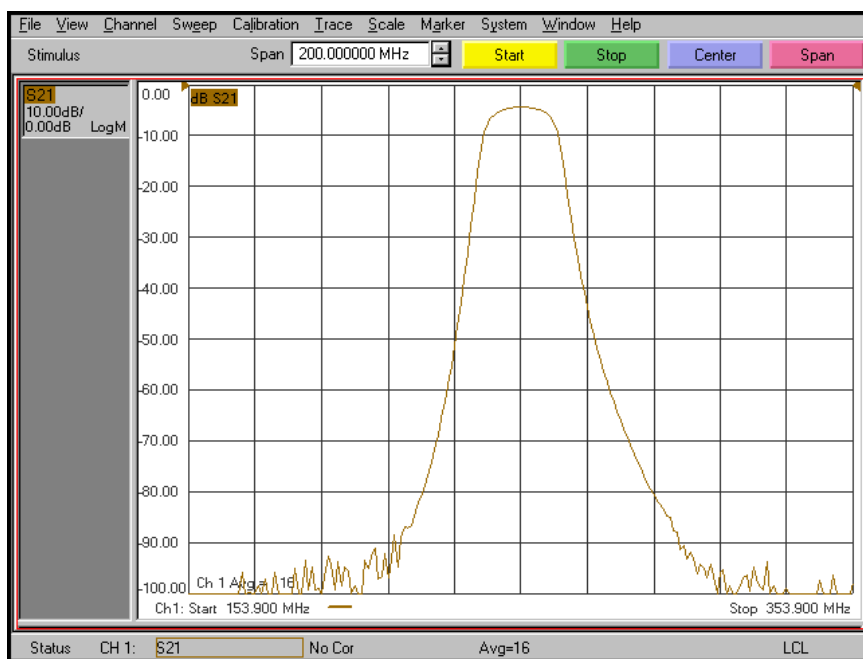
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

Typical Performance

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



Overall Response (10 dB/div)



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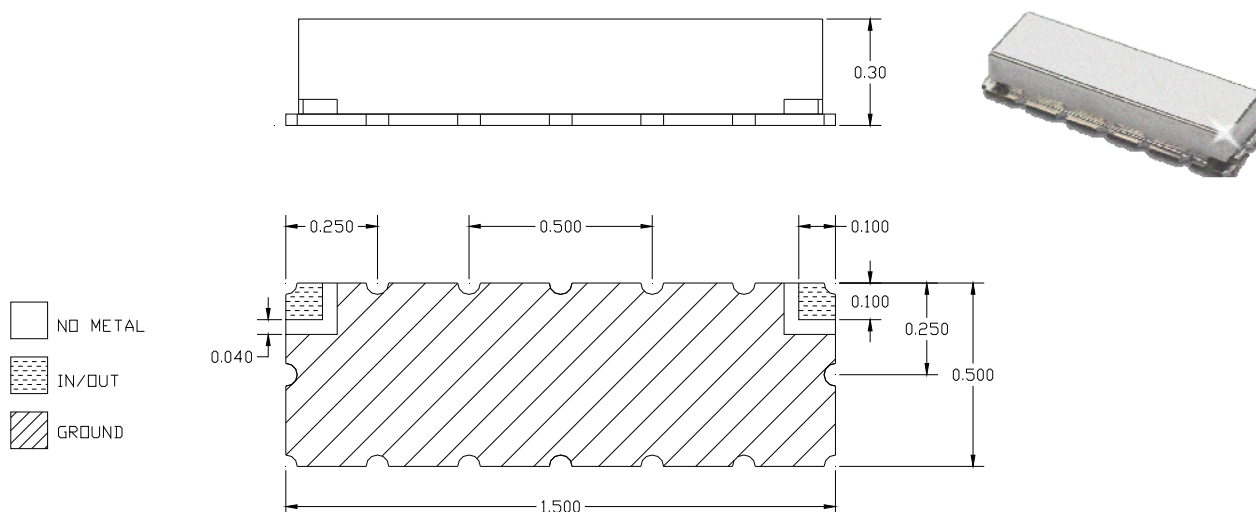
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Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency (Fc)	253.9 MHz	
Insertion Loss (at Fc)	6 dBa max	4.3 dBa typical
3 dBc Bandwidth	20 MHz \pm 2 MHz	
40 dB Bandwidth	42 MHz max	38 MHz typical
Source and Load	50 Ω	
RoHS	Yes	

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.

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