

KR Electronics, Inc.

General Description

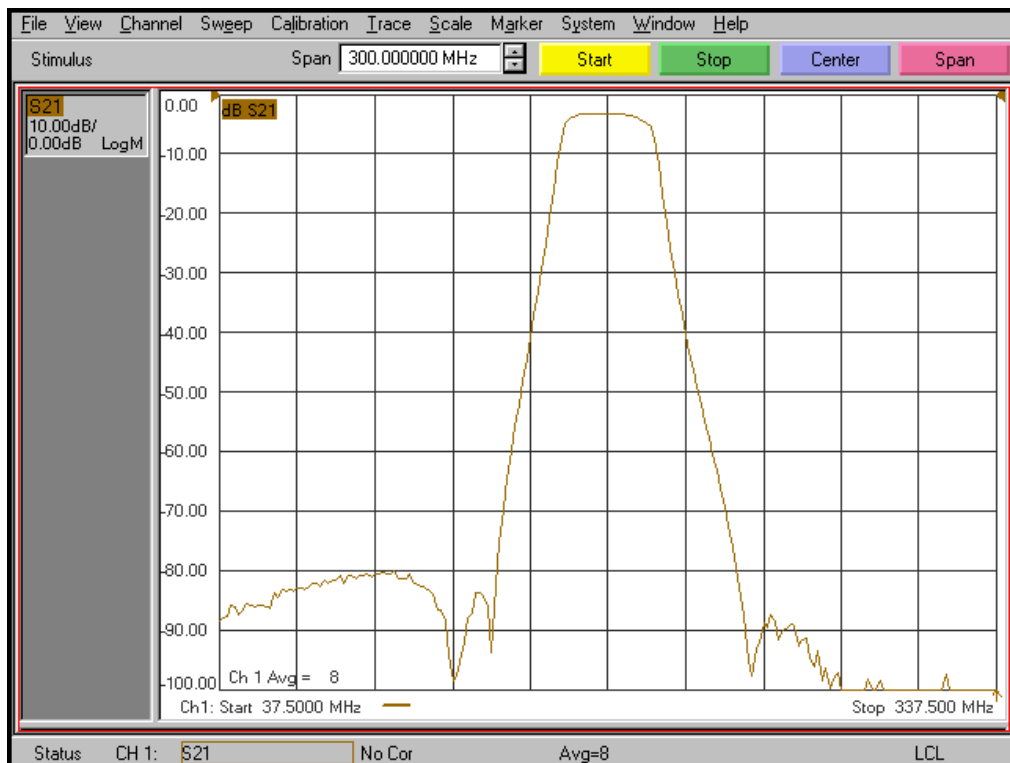
KR Electronics part number 3251 is a group delay equalized 187.5 MHz Bandpass filter. The filter has a min 1 dB bandwidth of 20 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 187.5 MHz Bandpass Filter
- Group Delay Equalized
- 1 dB Bandwidth 20 MHz min
- Selective Elliptic Type Design
- 50 Ω Source and Load
- Other frequencies available
- Also available with SMA Connectors

Typical Performance

Overall Response (10 dB/div)

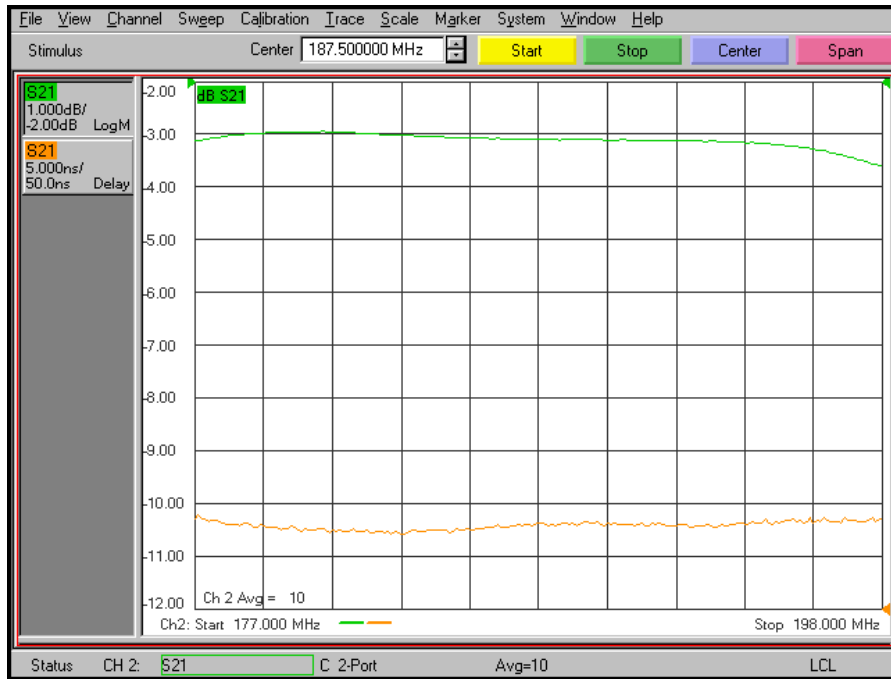


KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

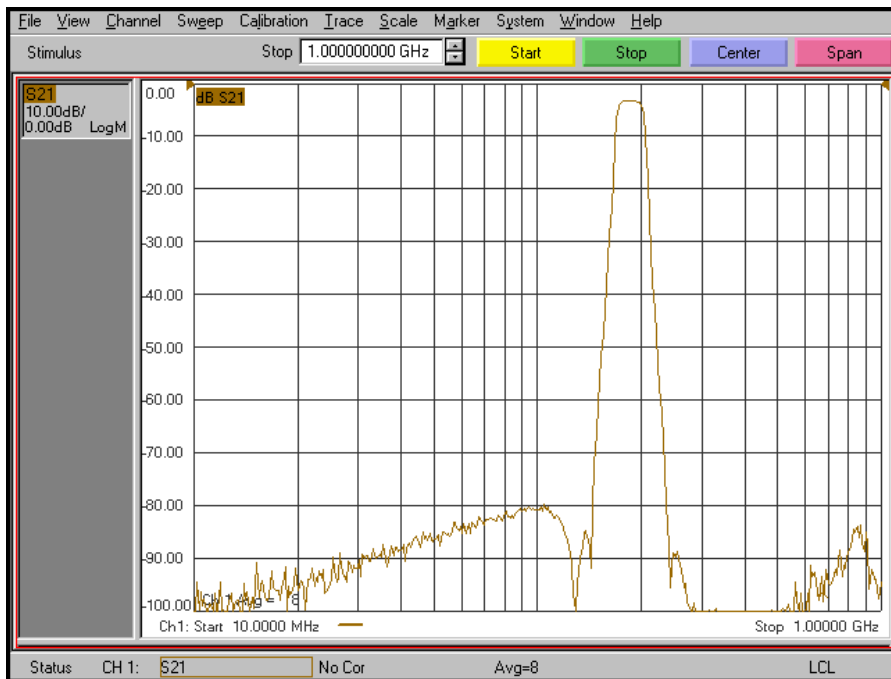
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

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



Overall Response (10 dB/div)



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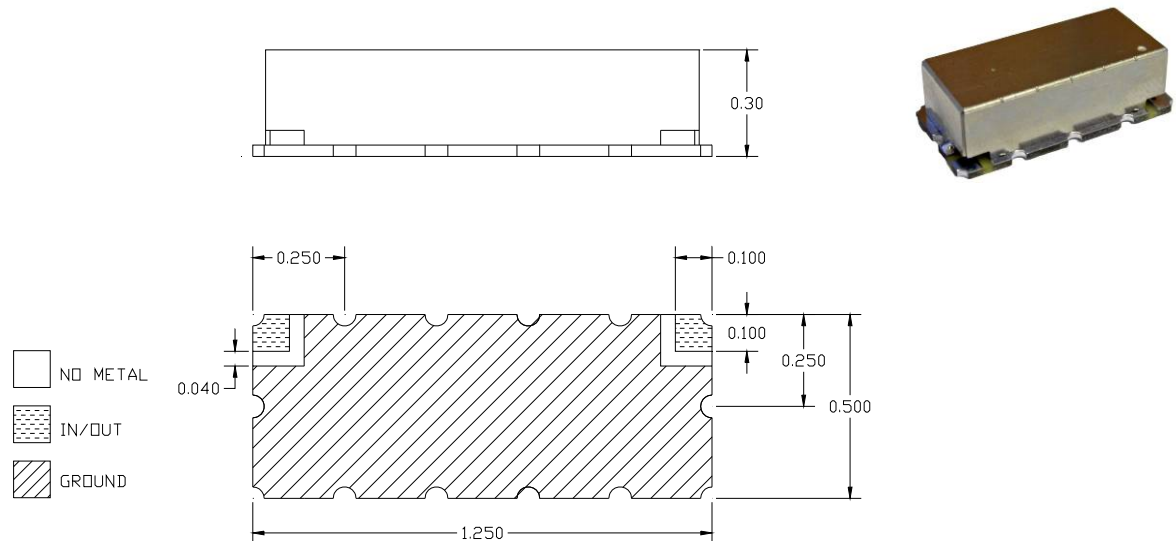
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Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	187.5 MHz	
Insertion Loss at Fc	4 dBa max	3 dBa typical
1 dBc Bandwidth	20 MHz min	27 MHz typical
3 dBc Bandwidth	34 MHz typical	
50 dBc Bandwidth	90 MHz max	71 MHz typical
60 dBc Bandwidth	81 MHz typical	
Group Delay Variation 177.5-197.5 MHz	5 nsec max	3 nsec typical
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