KR Electronics, Inc.

General Description

KR Electronics part number 3310-187.5+ is a 187.5 MHz Bandpass filter. The filter has a minimum 1 dB bandwidth of 45 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

Features

- 187.5 MHz Bandpass Filter
- 1 dB BW 45 MHz min, 57 MHz Typ
- 25 dB BW 85 MHz max, 78 MHz Typ
- Selective Elliptic Response
- 50 Ω Source and Load
- Other frequencies available
- Surface Mount
- Also available with SMA Connectors

Typical Performance

Overall Response
(5 dB/div)



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

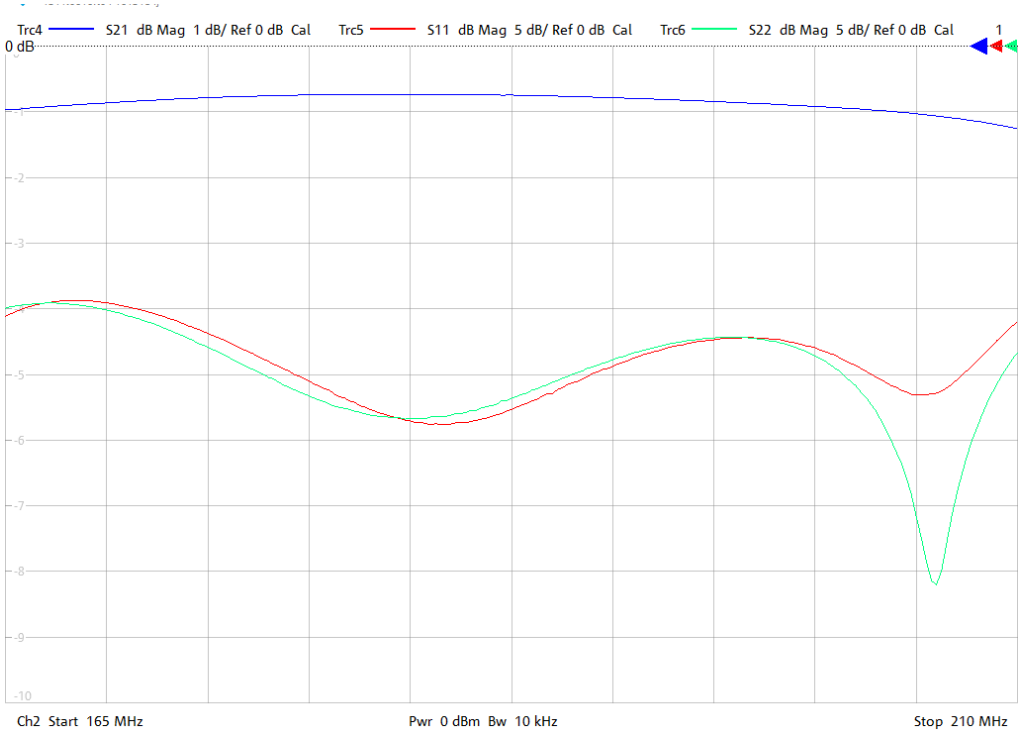
Web *www.krfilters.com*
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Phone *(732) 636-1900*
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KR Electronics 3310-187.5+

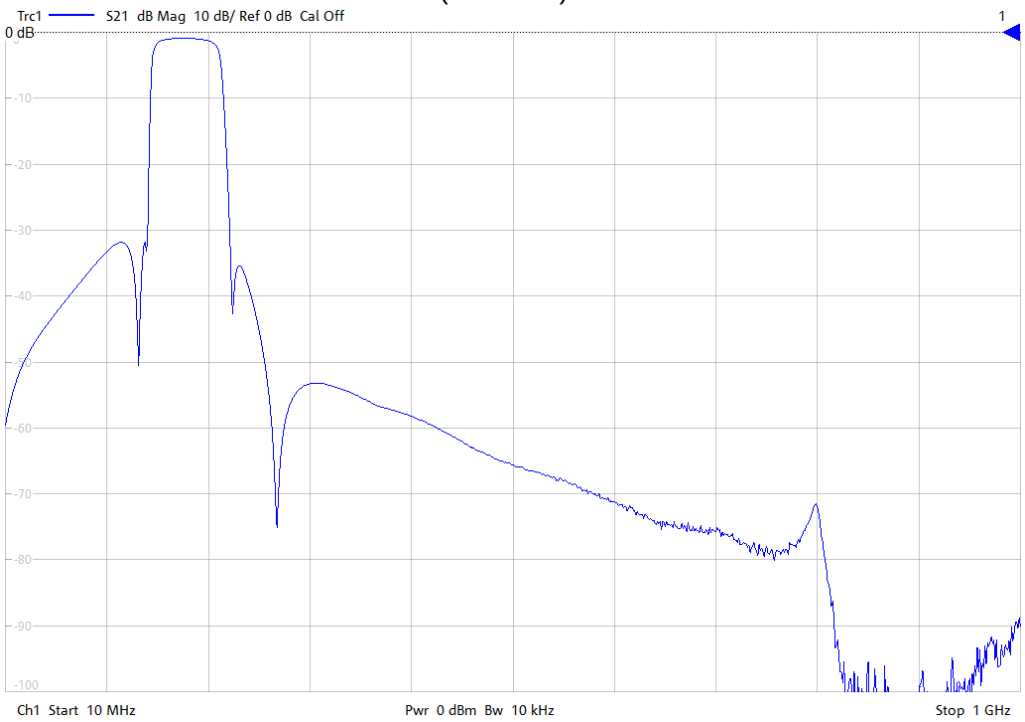
Passband Amplitude & Return Loss

(1 dB/div & 5 dB/div)



Overall Response

(10 dB/div)



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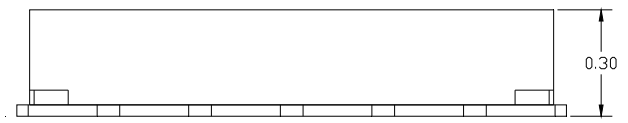
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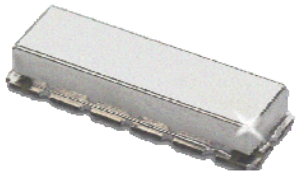
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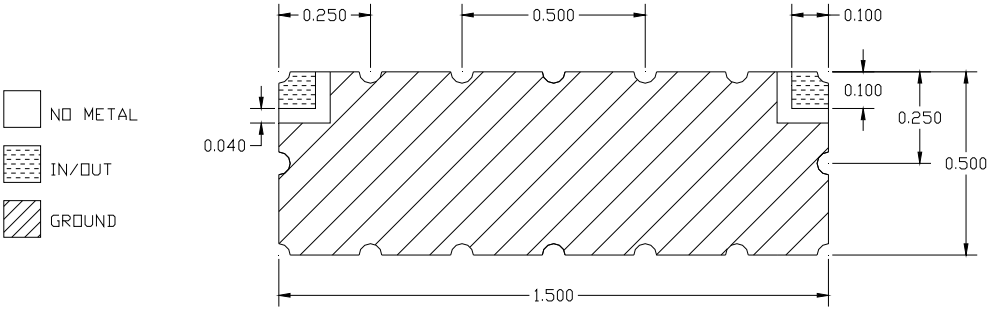
Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	187.5 MHz	
Insertion Loss at Fc	2 dBa max	0.75 dBa typical
1 dBc Bandwidth	45 MHz min	57 MHz typical
3 dBc Bandwidth	65 MHz typical	
25 dBc Bandwidth	85 MHz max	78 MHz typical
30 dBc Bandwidth	80 MHz 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

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