

KR Electronics, Inc.

General Description

KR Electronics part number 3259-52.5+ is a 52.5 MHz band-pass filter. Other frequencies are available. Please consult the factory.

Features

- 97.5 MHz Bandpass Filter
- 1 dB Bandwidth 45 MHz min
- Sharp Elliptic Type Design
- 50 Ω Source and Load
- Surface Mount
- SMA Connectors Available

Typical Performance

Overall Response (10 dB/div)



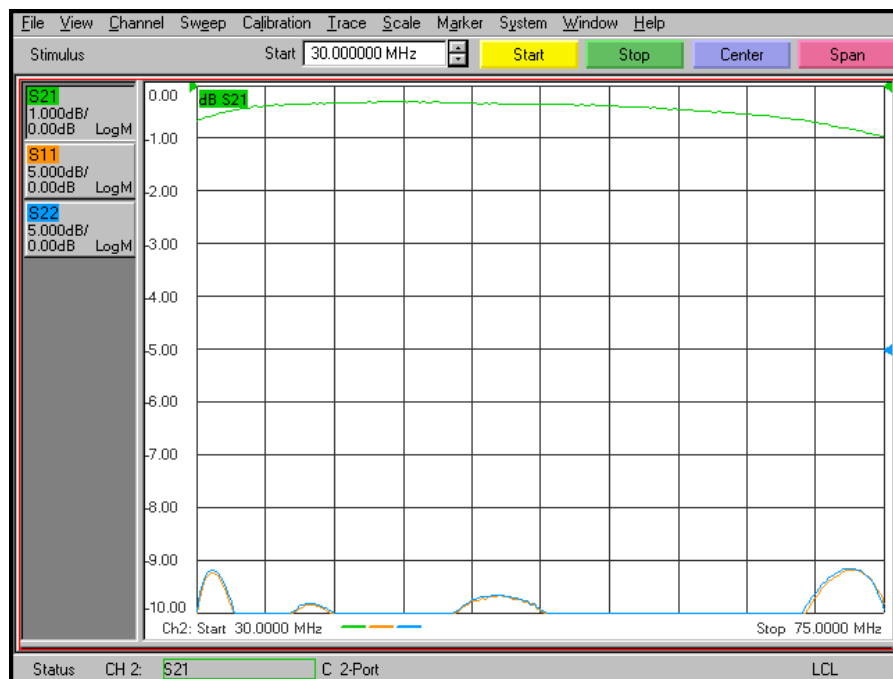
KR Electronics, Inc.
91 Avenel Street
Avenel, NJ 07001

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

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Passband Amplitude & Return Loss

(1 dB/div & 5 dB/div)



Overall Response

(10 dB/div)



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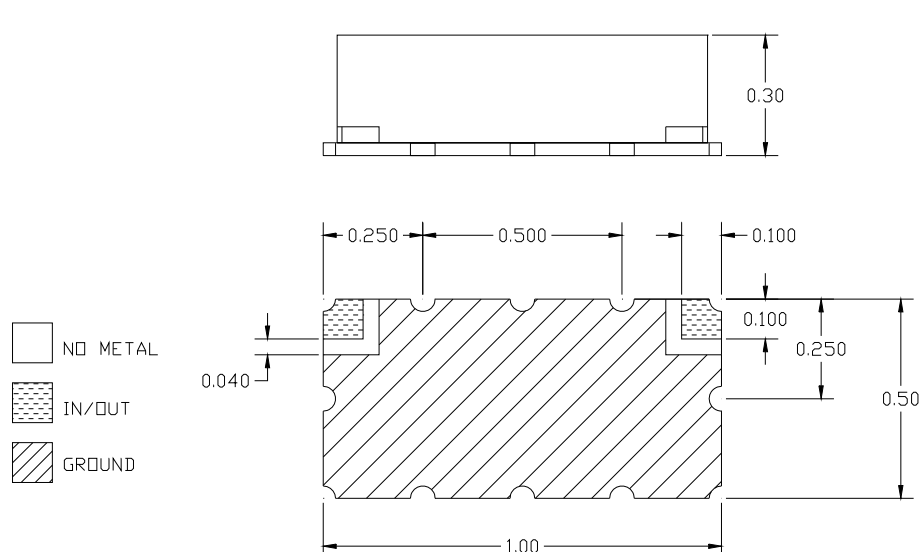
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Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	52.5 MHz	
Insertion Loss	2 dBa max	0.5 dBa typical
1 dB Bandwidth	45 MHz min	Passband 30 MHz to 75 MHz
3 dB Bandwidth	51 MHz typical	
Rejection at 23 MHz & 98 MHz	25 dB min	
40 dB Bandwidth	74 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