

KR Electronics, Inc.

General Description

KR Electronics part number 3259-387.5+ is a 387.5 MHz band-pass filter. Other frequencies are available. Please consult the factory.

Features

- 387.5 MHz Bandpass Filter
- 1 dB Bandwidth 255 MHz typical
- Sharp Elliptic Type Design
- 50 Ω Source and Load
- Surface Mount
- SMA Connectors Available

Typical Performance

Overall Response (10 dB/div)



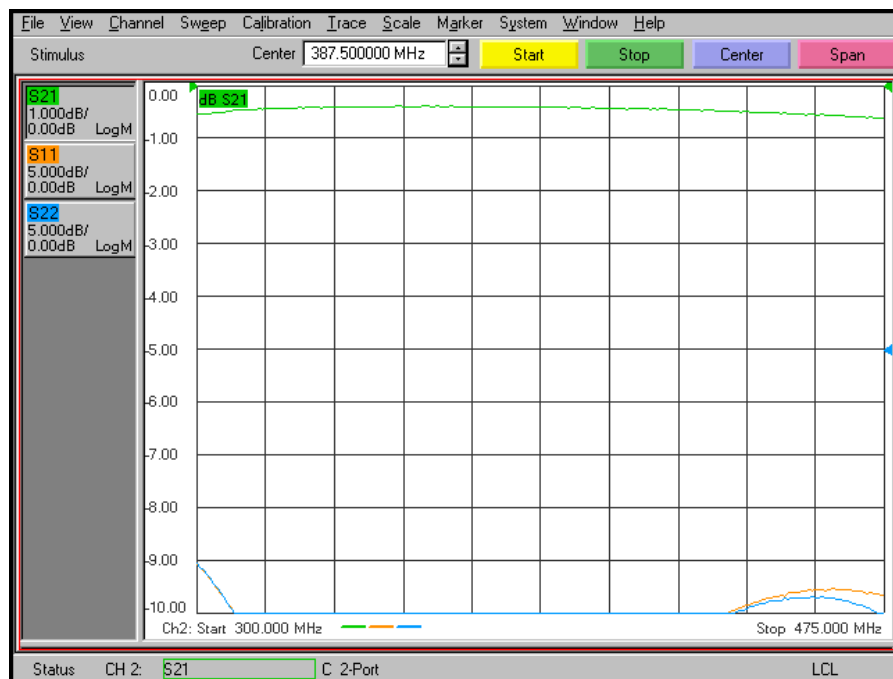
KR Electronics, Inc.
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Phone (732) 636-1900
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KR Electronics 3259-387.5+

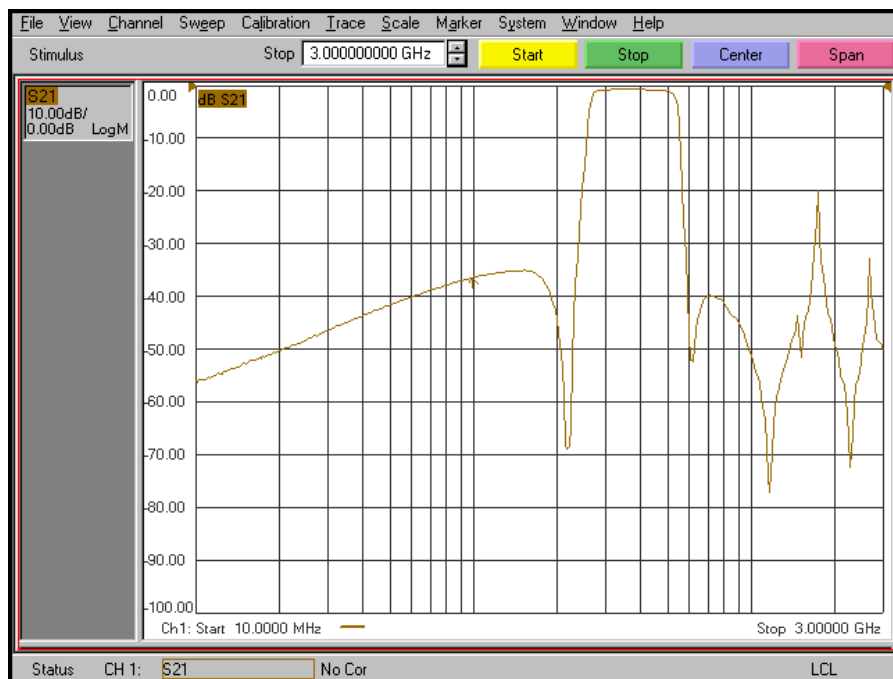
Passband Amplitude & Return Loss

(1 dB/div & 5 dB/div)



Overall Response

(10 dB/div)



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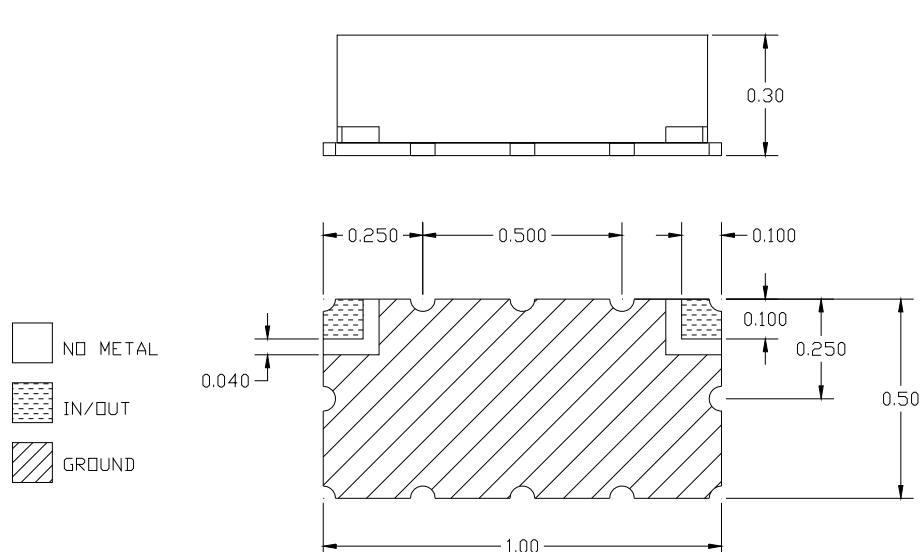
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Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	387.5 MHz	
Insertion Loss	2 dBa max	0.5 dBa typical
1 dB Bandwidth	175 MHz min / 255 MHz typical	Passband 300 MHz to 475 MHz
3 dB Bandwidth	276 MHz typical	
Rejection at 237 MHz & 598 MHz	25 dB min	
25 dB Bandwidth	332 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