

KR Electronics, Inc.

General Description

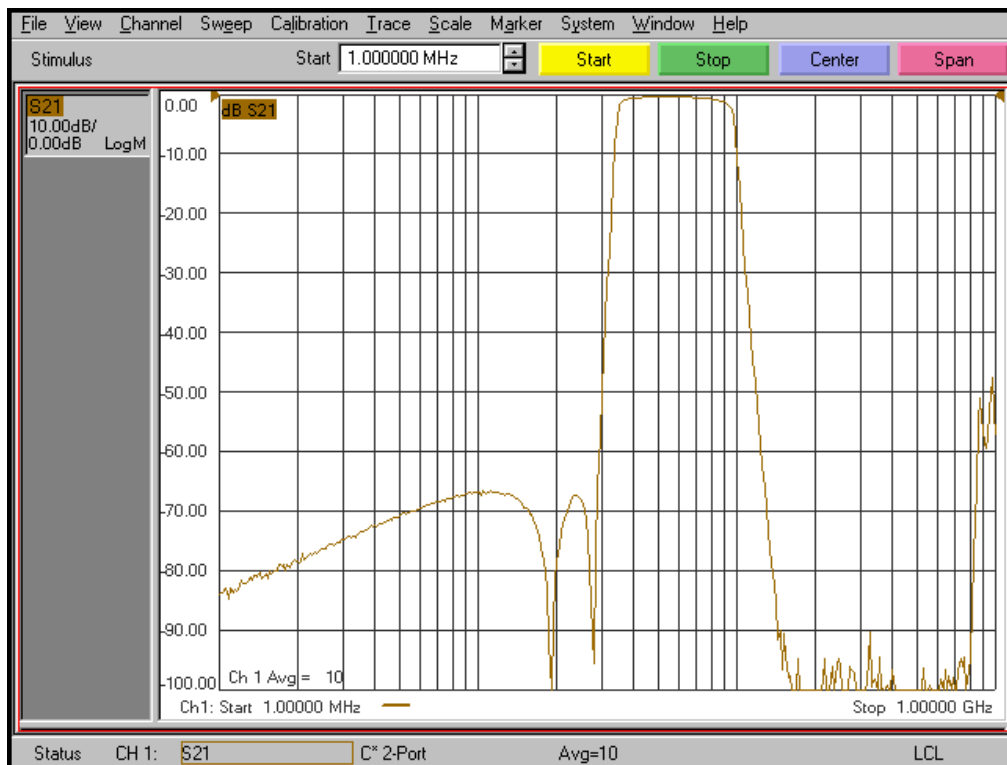
KR Electronics part number 3173 is a 61 MHz bandpass filter. The filter has a 1.5 dB bandwidth of 48 MHz. Other frequencies are available. Please consult the factory.

Features

- 61 MHz Bandpass Filter
- 1.5 dB Bandwidth 48 MHz min
- 50 Ω Source and Load
- Surface Mount Package
- SMA Connectors Also Available

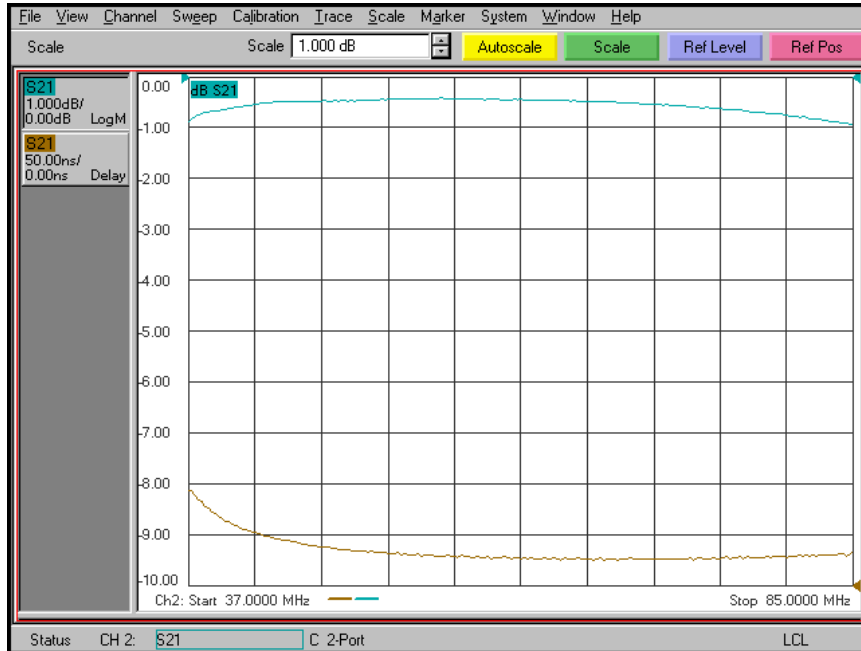
Typical Performance

Overall Response (10 dB/div)



Typical Performance

Passband Amplitude & Group Delay (1 dB/div & 50 nsec/div)



Overall Response (10 dB/div)



KR Electronics, Inc.
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Avenel, NJ 07001

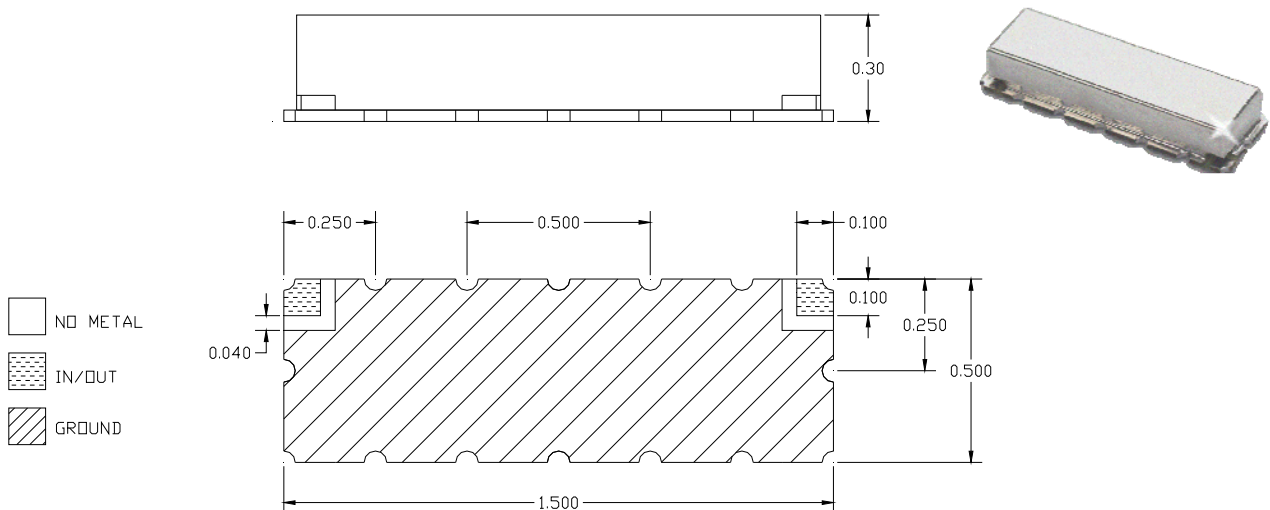
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KR Electronics 3173

Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency (Fc)	61 MHz	
Insertion Loss (at Fc)	1 dBa max	0.5 dBa typical
1.5 dBc Bandwidth	48 MHz min	56 MHz typical
Rejection at 30 MHz	40 dB min	50 dB typical
Rejection at 29 MHz	60 dB typical	
40 dBc Bandwidth	82 MHz typical	
60 dBc Bandwidth	95 MHz typical	
Source and Load	50 Ω	

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.