

KR Electronics, Inc.

General Description

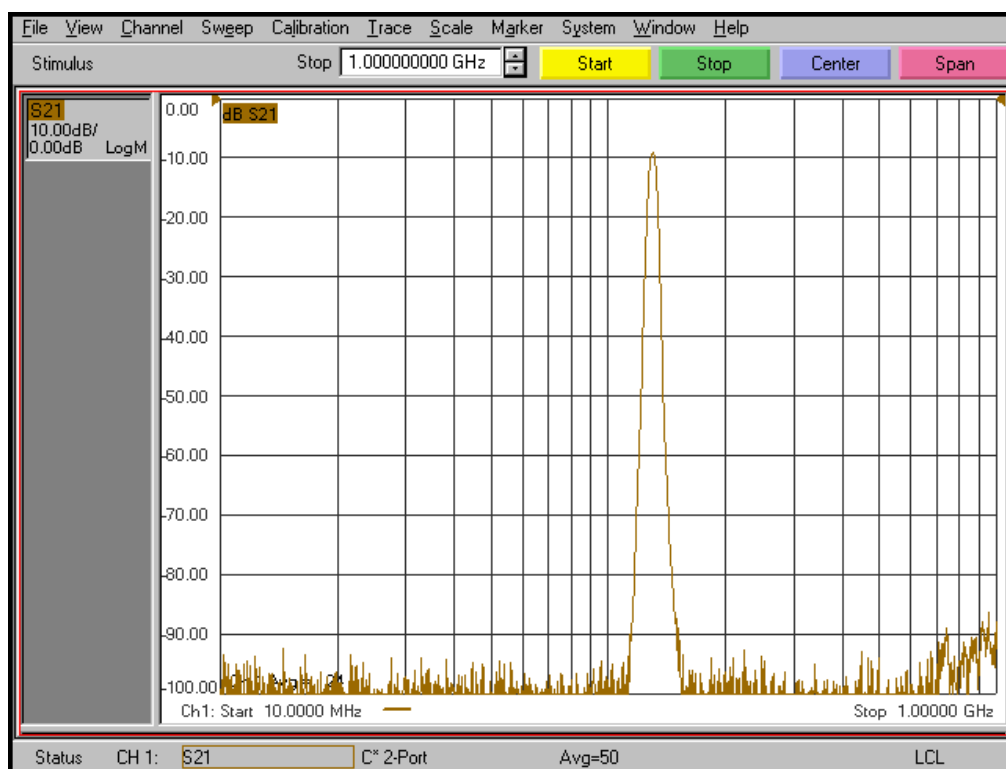
KR Electronics part number 3190-130 is a 130 MHz linear phase bandpass filter. The filter has a 3 dB bandwidth of 5 MHz. Other frequencies are available. Please consult the factory.

Features

- 130 MHz Bandpass Filter
- Linear Phase / Constant Group Delay
- 3 dB Bandwidth 5 MHz
- 50 Ω Source and Load
- Surface Mount Package
- SMA Connectors Also Available

Typical Performance

Overall Response (10 dB/div)

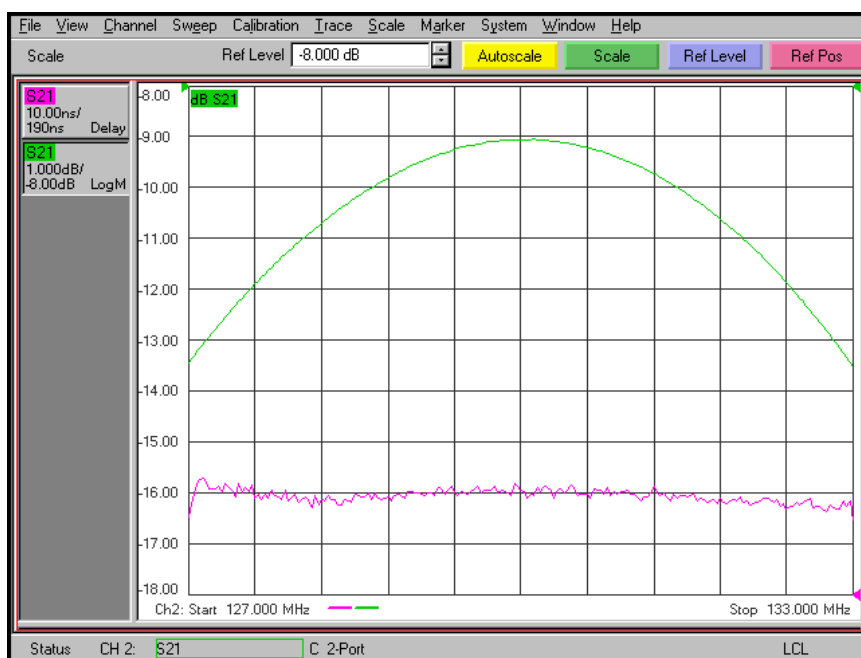


KR Electronics, Inc.
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Avenel, NJ 07001

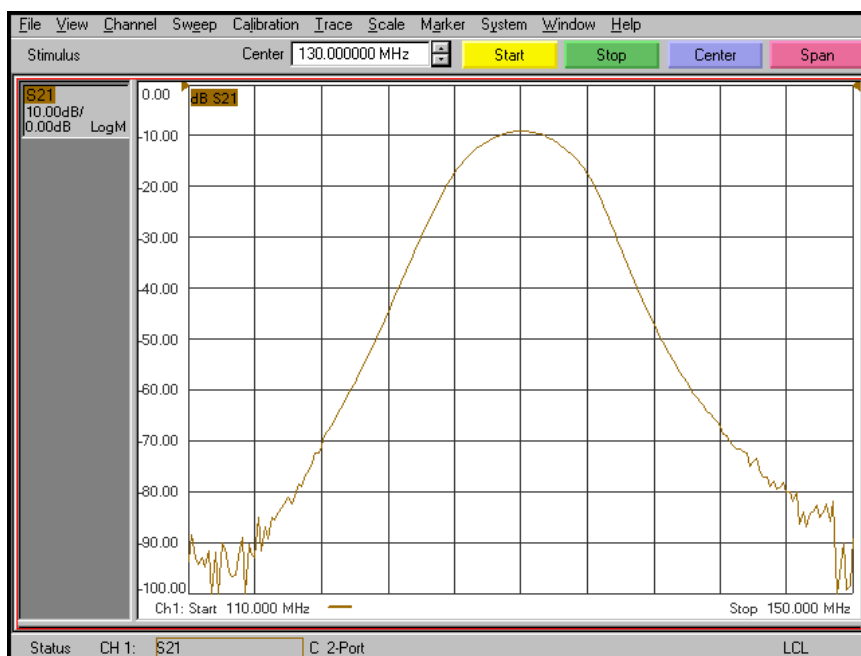
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

Typical Performance

Passband Amplitude & Group Delay (1 dB/div & 10 nsec/div)



Overall Response (10 dB/div)

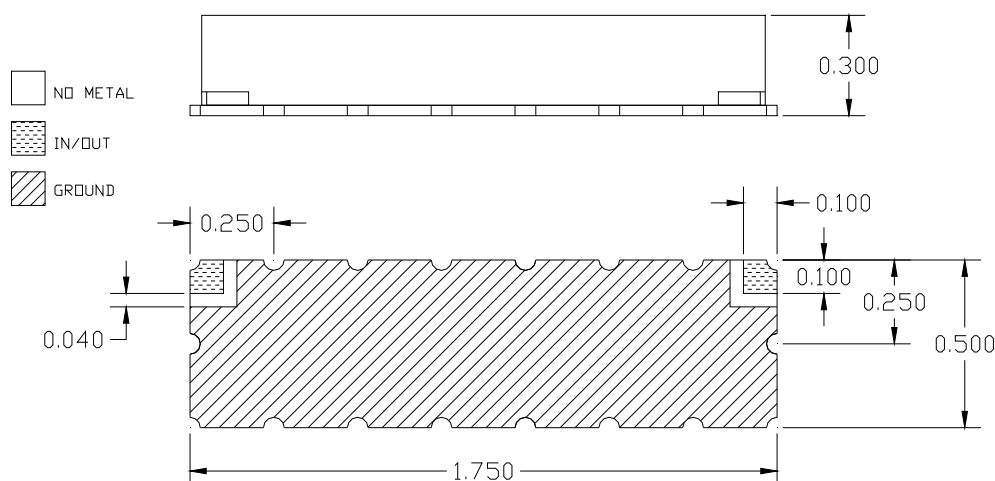


KR Electronics 3190-130

Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency (Fc)	130 MHz	
Insertion Loss (at Fc)	10 dBa max	9 dBa typical
3 dBc Bandwidth	5 MHz $\pm$ 0.5 MHz	
Deviation from Linear Phase	$\pm$ 2.5° max	127.5 to 132.5 MHz
Group Delay Variation	$\pm$ 5 nsec max	127.5 to 132.5 MHz
40 dBc Bandwidth	17 MHz typical	
60 dBc Bandwidth	25 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.

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