

KR Electronics, Inc.

General Description

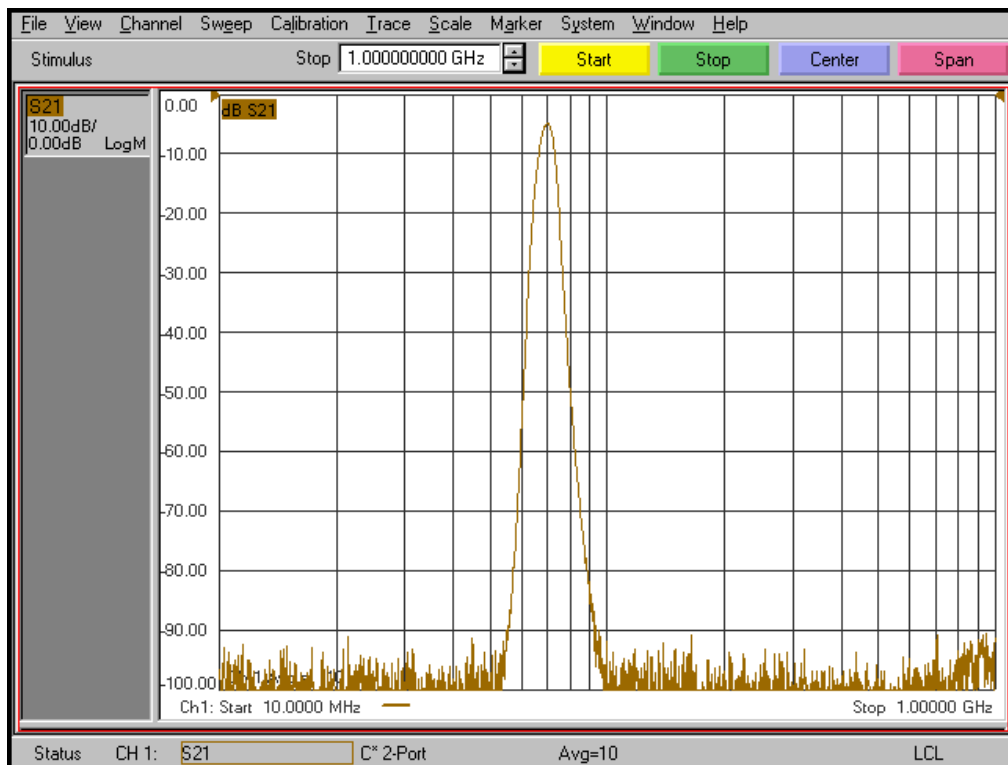
KR Electronics part number 3190-70 is a 70 MHz linear phase bandpass filter. The filter has a 3 dB bandwidth of 5 MHz. Other frequencies are available. Please consult the factory.

Features

- 70 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)

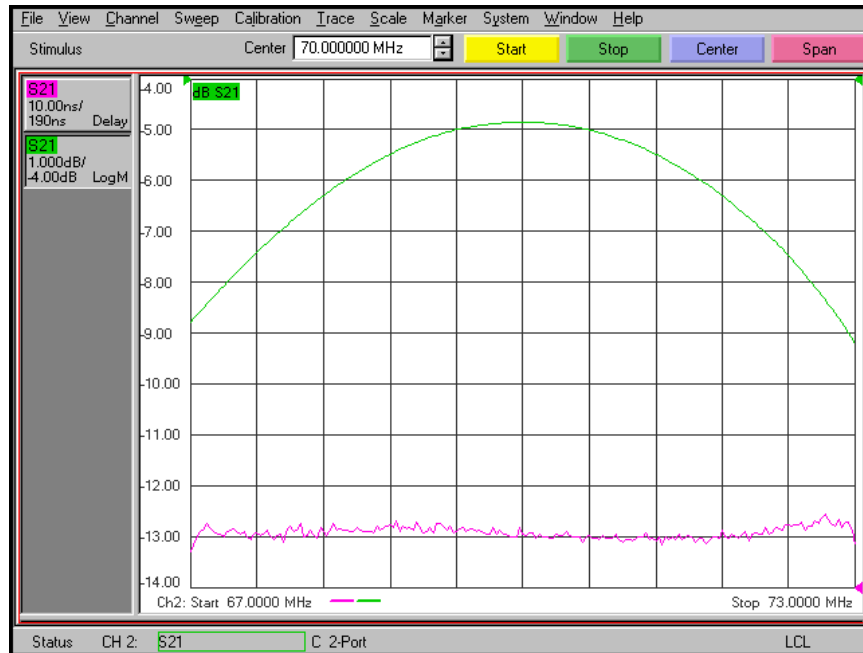


KR Electronics, Inc.
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Avenel, NJ 07001

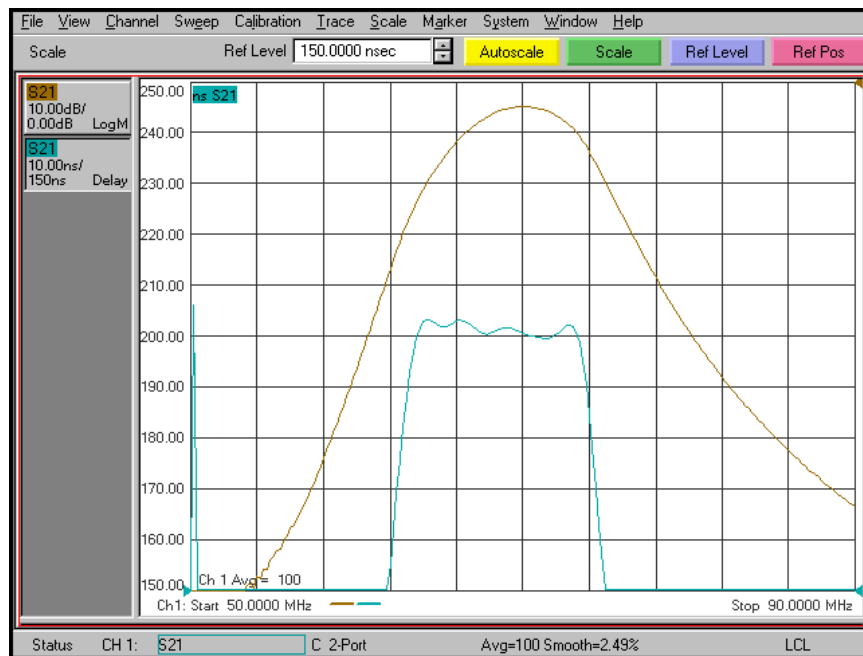
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

Typical Performance

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



Overall Response & Group Delay (10 dB/div & 10 nsec/div)

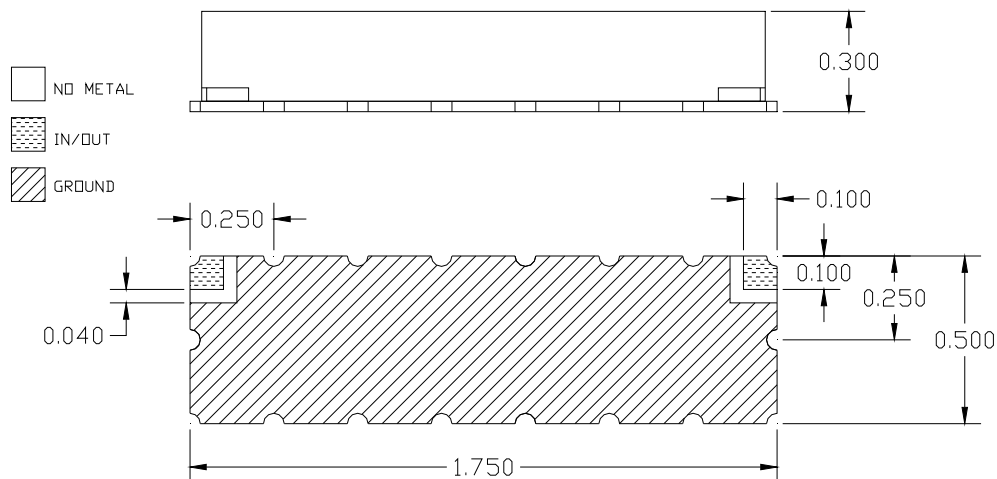


KR Electronics 3190-70

Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency (Fc)	70 MHz	
Insertion Loss (at Fc)	6 dBa max	5 dBa typical
3 dBc Bandwidth	5 MHz \pm 0.5 MHz	
Deviation from Linear Phase	\pm 2.5° max	67.5 to 72.5 MHz
Group Delay Variation	\pm 5 nsec max	67.5 to 72.5 MHz
40 dBc Bandwidth	18 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.