

KR Electronics, Inc.

General Description

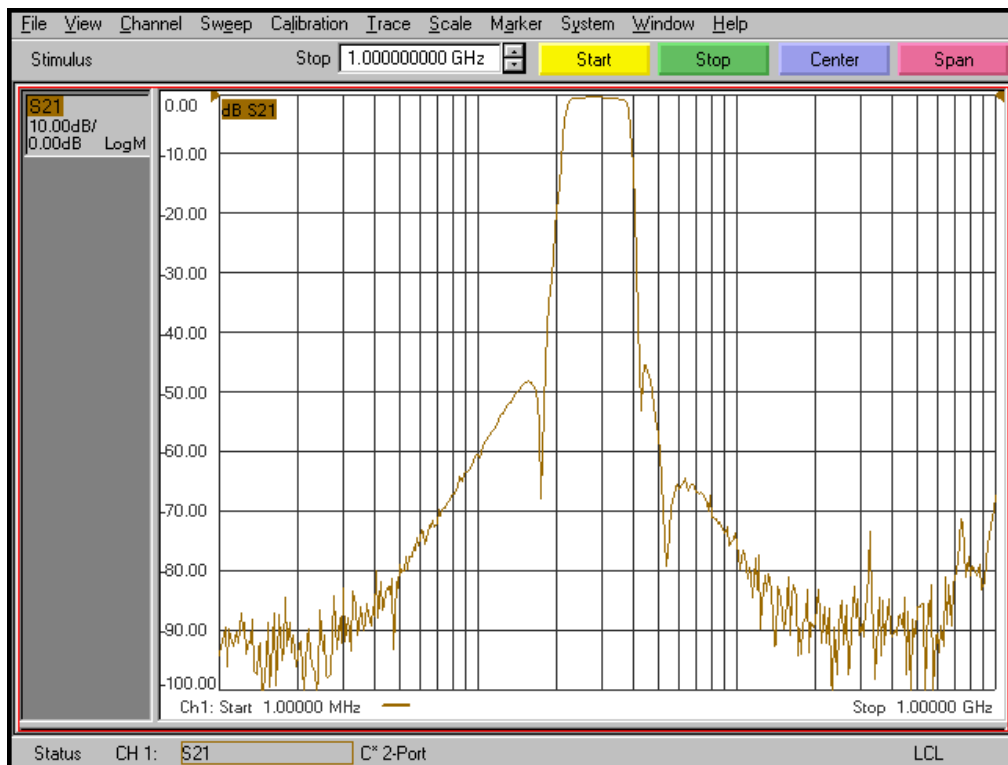
KR Electronics part number 3139 is a 30 MHz bandpass filter. The filter has a 3 dB bandwidth of 17 MHz. Other frequencies are available. Please consult the factory.

Features

- 30 MHz Bandpass Filter
- 3 dB Bandwidth 17 MHz typical
- 50 Ω Source and Load
- Surface Mount Package
- SMA Connectors Also Available

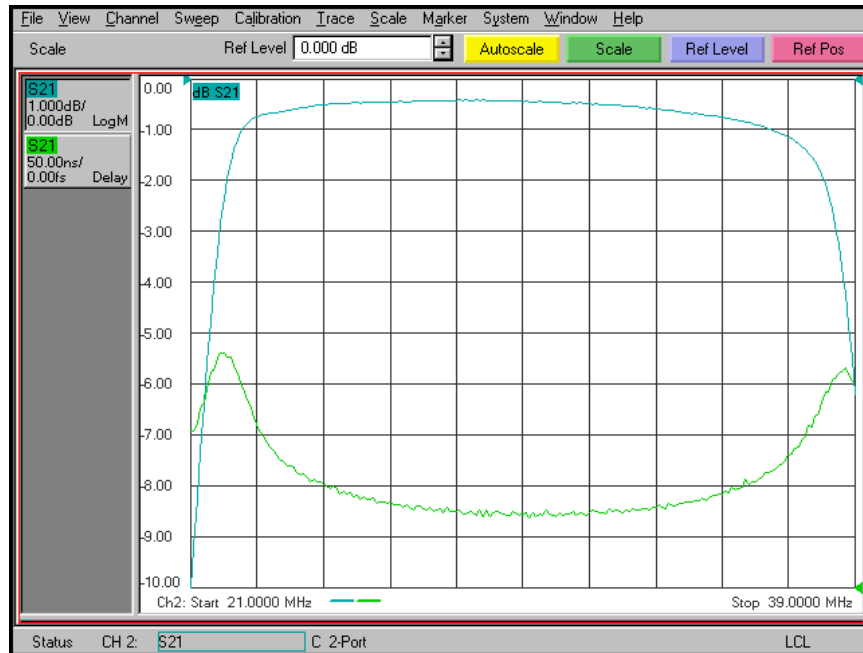
Typical Performance

Overall Response (10 dB/div)

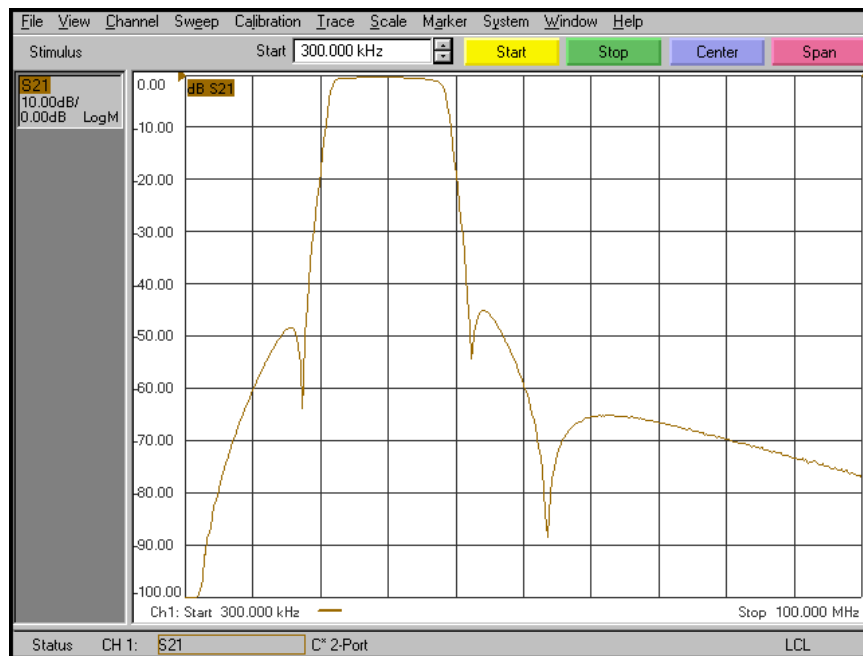


Typical Performance

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



Overall Response (10 dB/div)



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

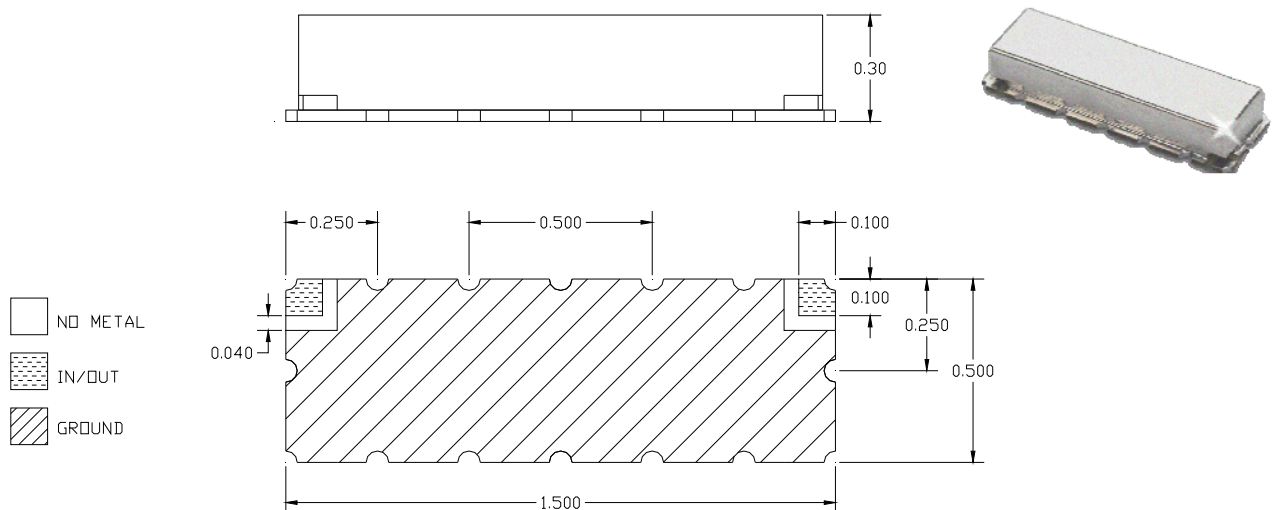
Web www.krfilters.com
Email sales@krfilters.com
Phone (732) 636-1900
Fax (732) 636-1982

KR Electronics 3139

Specifications

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency (Fc)	30 MHz	
Insertion Loss (at Fc)	3 dBa max	<1 dBa typical
3 dBc Bandwidth	16 MHz min / 18 MHz max	
Rejection at 5 MHz	55 dBc min	>60 dBc typical
Rejection at 18 MHz	35 dBc min	>40 dBc typical
Rejection at 42 MHz	35 dBc min	>40 dBc typical
Rejection at 55 MHz	55 dBc min	>60 dBc 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.