

# KR 2539 Lowpass Filter

## General Description

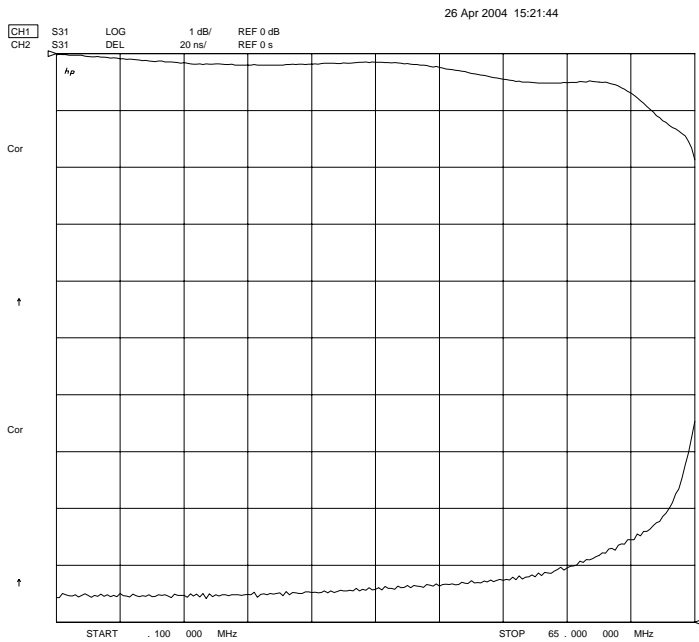
KR 2539 is a 65 MHz elliptic type lowpass filter. The filter has a 65 MHz min 4 dB bandwidth and is designed for 50  $\Omega$  source and load impedance. Other passband frequencies, bandwidths and impedances are available. Please consult the factory.

## Features

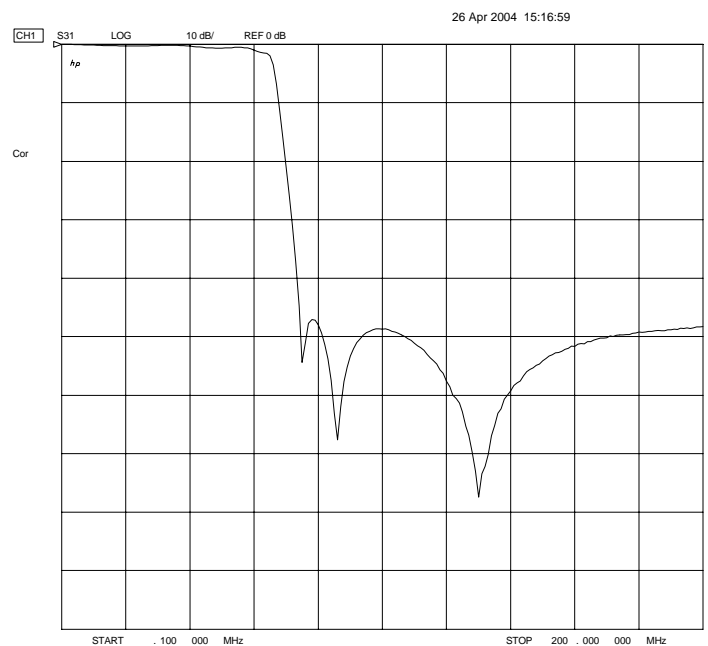
- 65 MHz Elliptic type lowpass
- Sharp 1.155:1 transition
- 50  $\Omega$
- DIP Package

## Typical Performance

**Passband Amplitude & Group Delay**  
(1 dB/div & 20 nsec/div)



**Overall Response**  
(10 dB/div)



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

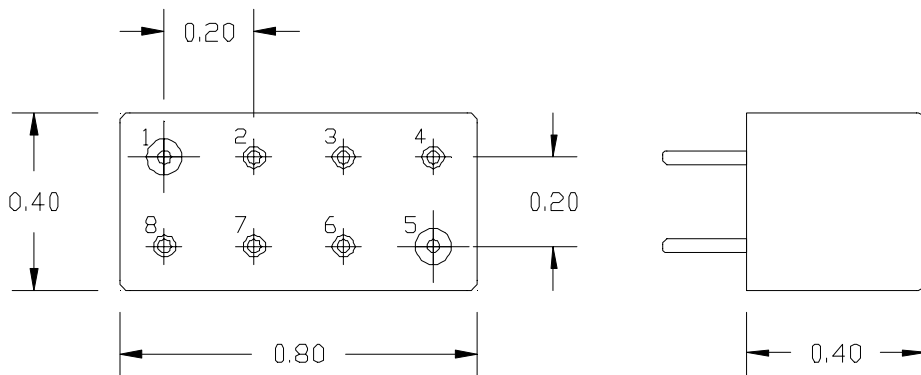
Web [www.krfilters.com](http://www.krfilters.com)  
Email [sales@krfilters.com](mailto:sales@krfilters.com)  
Phone (732) 636-1900  
Fax (732) 636-1982

# KR Electronics 2539

## Specifications

Parameter	Specification
Filter type	Lowpass
Insertion Loss	< 1 dB
Attenuation at 65 MHz	< 4 dB (2 dB typical)
Attenuation at 75.08 MHz	> 45 dB
Source & Load	50 Ω

## Physical Dimensions



Metal Case  
 Pin 1 is Input Pin 5 is Output  
 All other Pins are Ground  
 All leads .030" diameter  
 Dimensions inches