

# KR Electronics

## General Description

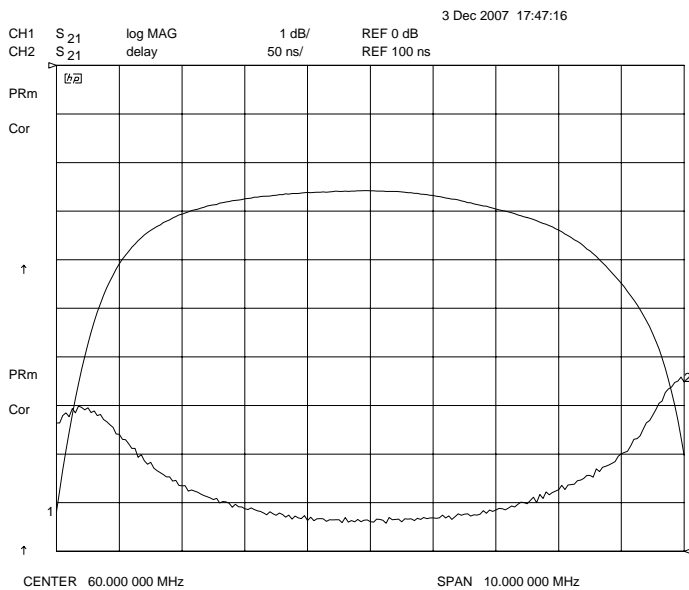
KR 2807 is a 60 MHz surface mount bandpass filter. The filter has a 3 dB bandwidth of 9 MHz  $\pm$  1 MHz. Other center frequencies and bandwidths available. Please consult the factory.

### Features

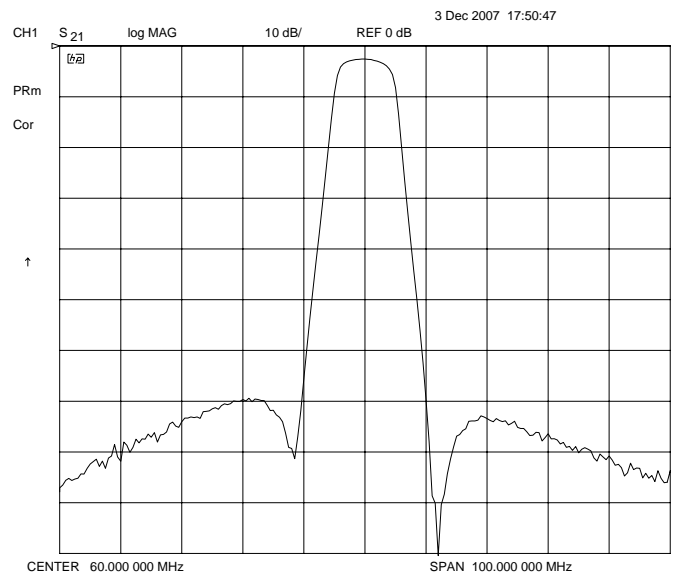
- Surface Mount Package
- Sharp Transition to Stopband
- >40 dB Stopband
- 50  $\Omega$  Source and Load

## 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

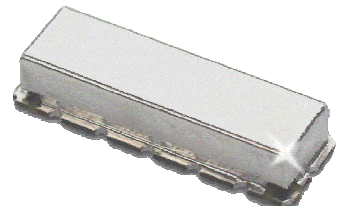
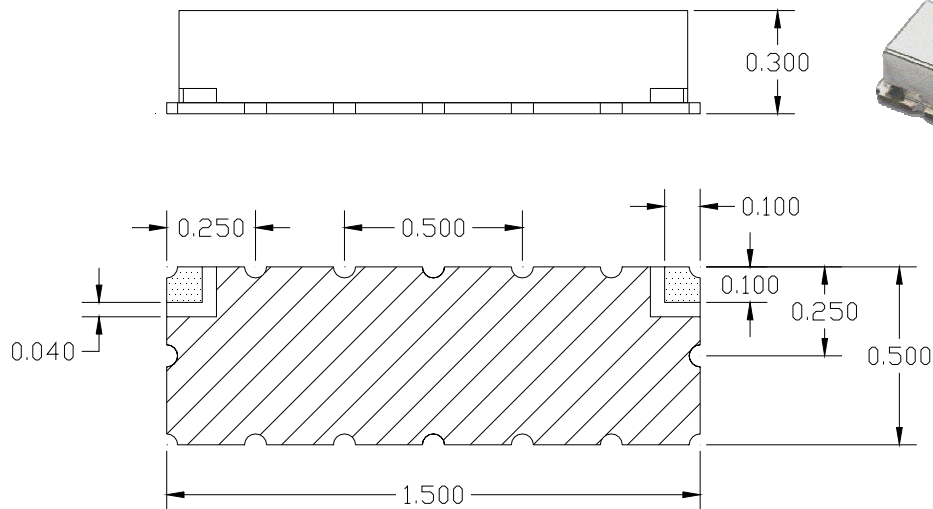
Web www.krfilters.com  
Email sales@krfilters.com  
Phone (732) 636-1900  
Fax (732) 636-1982

# KR 2807 Bandpass

## Specifications

Parameter	Specification
Filter type	Bandpass
Center Frequency	60 MHz
Insertion Loss	< 4 dB (2.5 dB typical)
3 dB Bandwidth	9 MHz $\pm$ 1 MHz
Attenuation 50 MHz	> 40 dB (>60 dB typical)
Attenuation 70 MHz	> 40 dB (>60 dB typical)
Source and Load	50 $\Omega$

## Physical Dimensions



**Notes:**

1. Surface mount package — Metal cover, open frame
2. Dimensions in inches
3. Maximum reflow temperature 209° C for 10 seconds maximum