

# KR 2435-35 Bandpass Filter

## General Description

KR 2435-35 is a surface mount bandpass filter. Other center frequencies and bandwidths available. Please consult the factory.



## Features

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

## Typical Performance

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

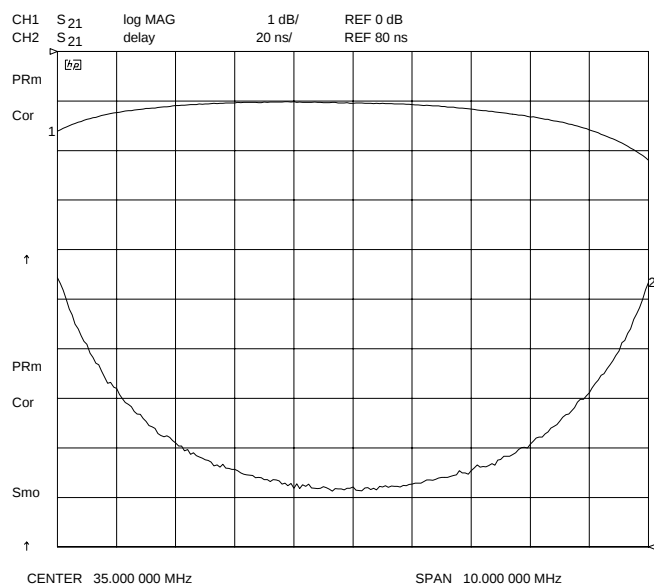


Figure 1

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

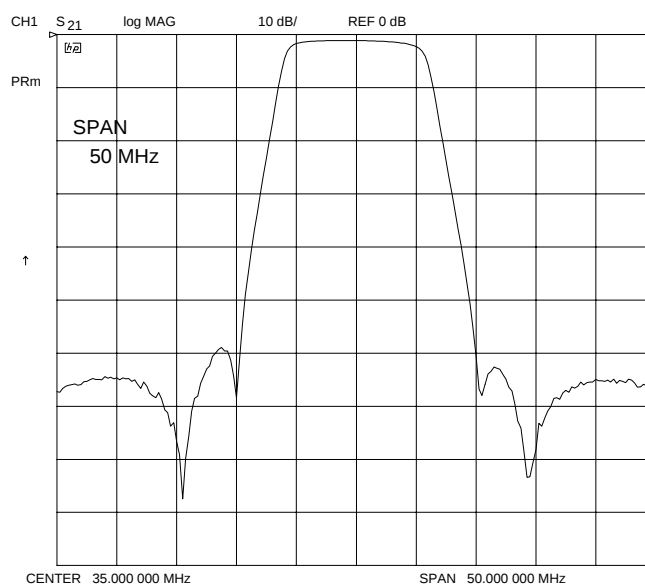


Figure 2

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

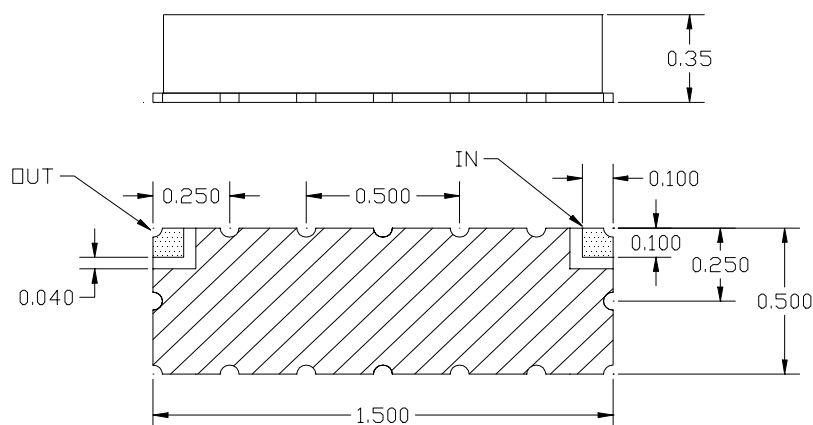
Web www.krfilters.com  
Email sales@krfilters.com  
Phone (732) 636-1900  
Fax (732) 636-1982

## KR 2435-35 Bandpass

### Specifications

| Parameter           | Specification |
|---------------------|---------------|
| Filter type         | Bandpass      |
| Center Frequency    | 35 MHz        |
| Insertion Loss      | < 4 dB        |
| Min 3 dB Bandwidth  | 10 MHz        |
| Max 50 dB Bandwidth | 20 MHz        |
| Passband VSWR       | < 1.4:1       |
| Source and Load     | 50 $\Omega$   |
|                     |               |
|                     |               |

### Physical Dimensions



#### Notes:

1. Surface mount package — Metal cover, open frame
2. Dimensions in inches
3. Use SN60 or SN63 solder during installation
4. If boards are cleaned after installation, units must be completely dried to remove any entrapped moisture that will effect electrical performance