

# KR 2406 Video Filter

## General Description

KR 2406 is a 4.24 MHz video lowpass filter with group delay equalization. Other frequencies are available. Please consult the factory.

## Features

- 4.24 MHz passband frequency
- Elliptic filter response
- Group delay equalization
- 75  $\Omega$  Source and Load

## Typical Performance

### Amplitude & Group Delay

(0.1 dB/div & 10 nsec/div) 0.1 MHz to 4.5 MHz

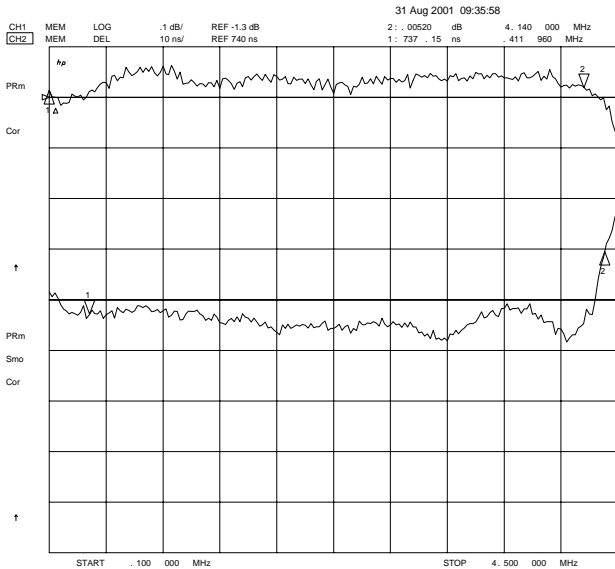


Figure 1

### Overall Response

(10 dB/div) 0.1 MHz to 20 MHz

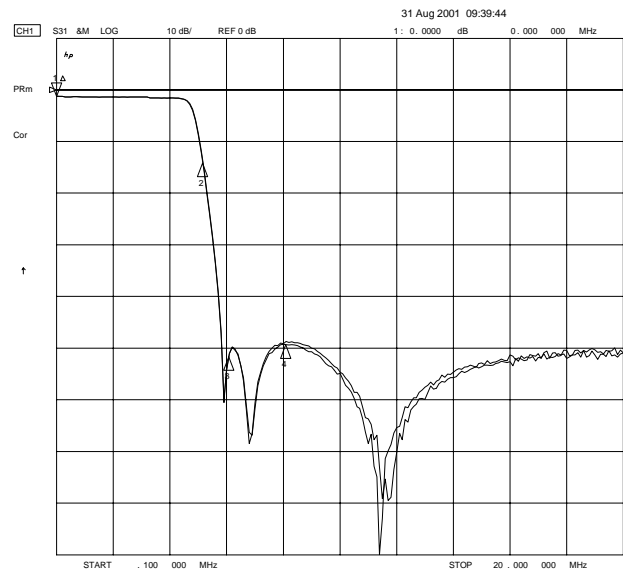


Figure 2

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

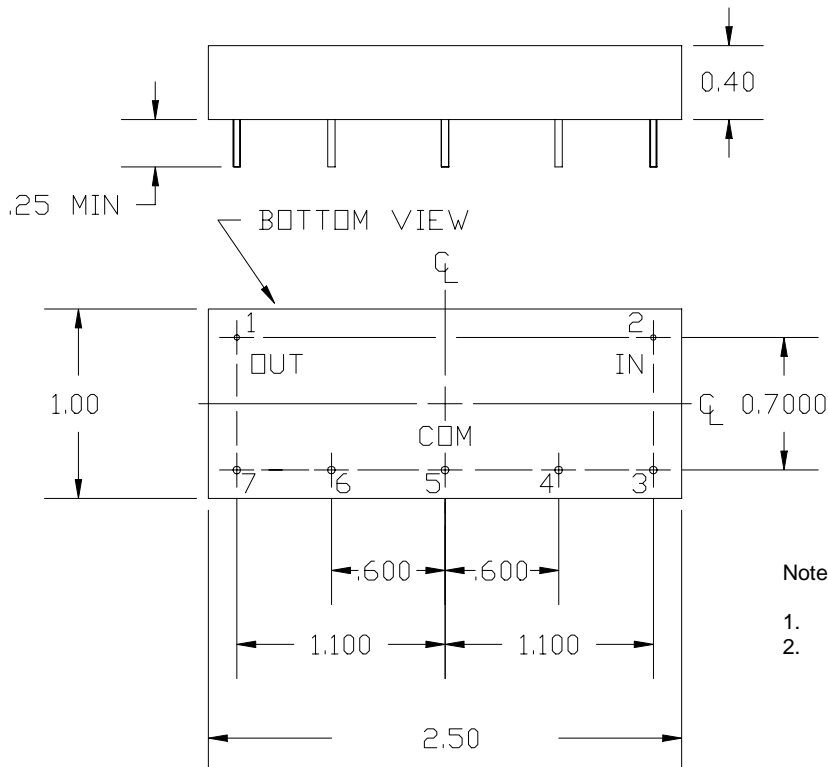
Web [www.krfilters.com](http://www.krfilters.com)  
Email [sales@krfilters.com](mailto:sales@krfilters.com)  
Phone (732) 636-1900  
Fax (732) 636-1982

# KR Series 2406 Video Filter

## Specifications

Parameter	Specification
Filter type	Lowpass
End of passband	4.24 MHz
Passband ripple	< 0.1 dB p-p
Approx. -12 dB frequency	5.23 MHz
Start of stopband -45 dB	6.15 MHz
Group delay ripple	< 15 nsec p-p
Group delay control to	4.3 MHz
Impedance	75 Ω

## Physical Dimensions



Notes:

1. Input & Output Lead dia 0.030" (2 plcs)
2. Common leads dia 0.040" (5 plcs)