

## General Description

KR Electronics part number 3164 is a 50 Hz lowpass filter. The filter is designed to work from a differential source of 100  $\Omega$  and into a differential load >100 K $\Omega$ . Other frequencies are available. Please consult the factory.

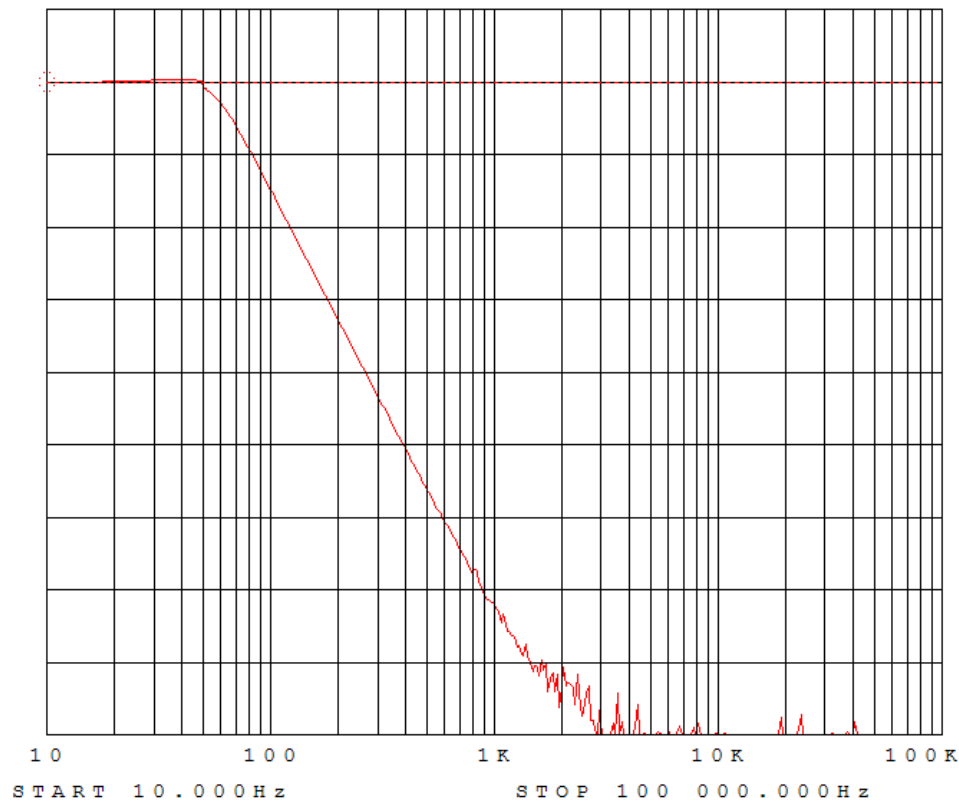
### Features

- 50 Hz Lowpass
- Passive Design Low Noise
- Differential (Balanced) Input
- Differential (Balanced) Output

## Typical Performance

### Overall Response

REF LEVEL / DIV      OFFSET 10.000Hz  
0.000dB      10.000dB      MAG(UDF)      0.669dB



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

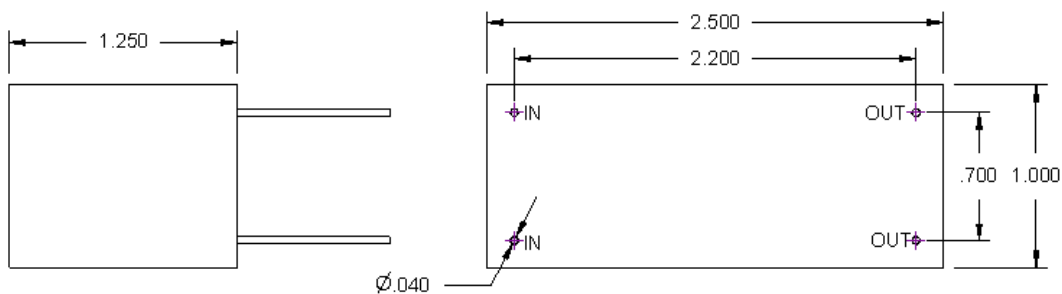
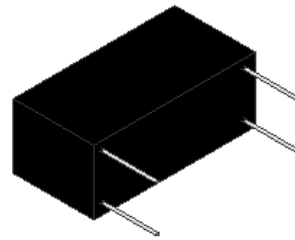
Web      www.krfilters.com  
Email      sales@krfilters.com  
Phone      (732) 636-1900  
Fax      (732) 636-1982

# KR Electronics 3164

## Specifications

Parameter	Specification	
Filter type	Lowpass	
Insertion Loss at 5 Hz	0.2 dB max	
Attenuation at 50 Hz	1 dB max	
Attenuation at 60 Hz	3 dB typical	
Attenuation at 100 Hz	10 dB min	
Source Impedance	<100 $\Omega$ Differential	Drive filter with this impedance
Load Impedance	>100 K $\Omega$ Differential	Load filter with this impedance

## Physical Dimensions



### Notes:

1. Dimensions in inches
2. Epoxy Package
3. Use specified Source & Load Impedance for proper operation

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