

# KR Series 2355 Notch Filter

## General Description

KR Series 2355 are active notch filters. Notch frequencies from 60 Hz to 1000 Hz can be specified. The 3 dB bandwidths can range from 12% of the notch frequency and up.

### Features

- Active notch filter
- Available frequency range 60 Hz to 1 KHz
- No adjustments necessary

## Typical Performance

**Typical Response for 60 Hz Notch**  
(10 dB/div) DC to 120 Hz

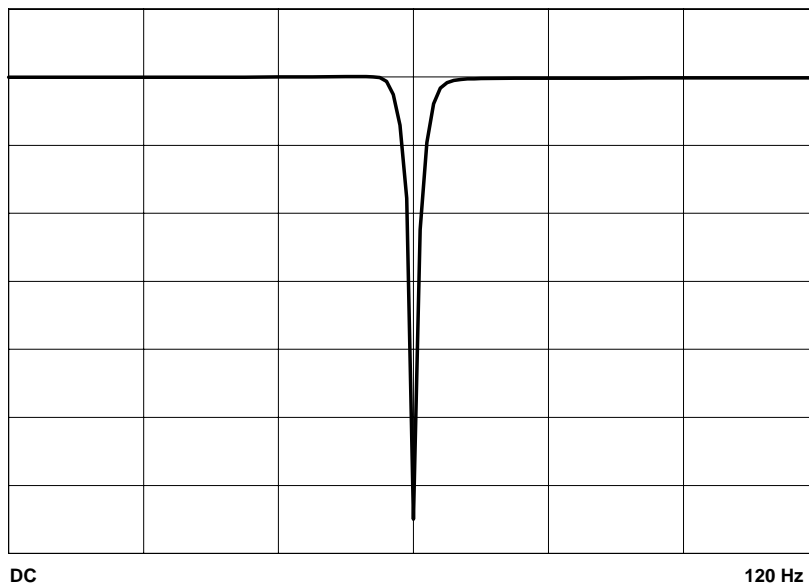


Figure 1

KR Electronics, Inc.  
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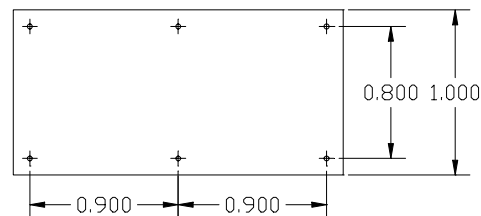
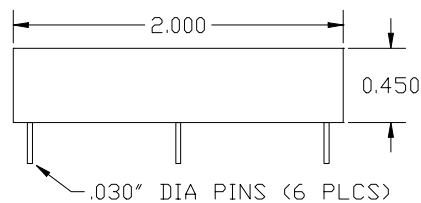
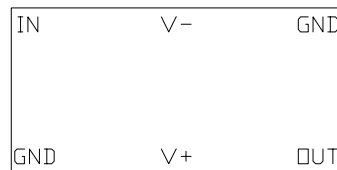
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# KR Series 2355 Notch Filters

## Specifications

Parameter	Specification	
Filter type	Notch	
Notch Frequency (Fo)	60 Hz to 1 KHz	User Specified
Max 3 dB Bandwidth	From 12% of Fo	User Specified
Attenuation at Fo	> 40 dB (typically 50 to 60 dB)	
Gain	0 dB ± 0.2 dB	
Max Input Voltage	± 12 V	
DC Offset	< 5 mV (1 mV typ)	
Supply Voltage	± 15 Vdc	
Supply Current	9 mA max (5 mA typ)	
Operating Temperature	0° C to 50° C	

## Physical Dimensions



Epoxy Package  
All Dimensions in inches

Connect GND to both  
signal ground and common  
of voltage supply

Power supply internally  
decoupled with 0.1 uF  
ceramic capacitors

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