

# KR 2355-50 Notch Filter

## General Description

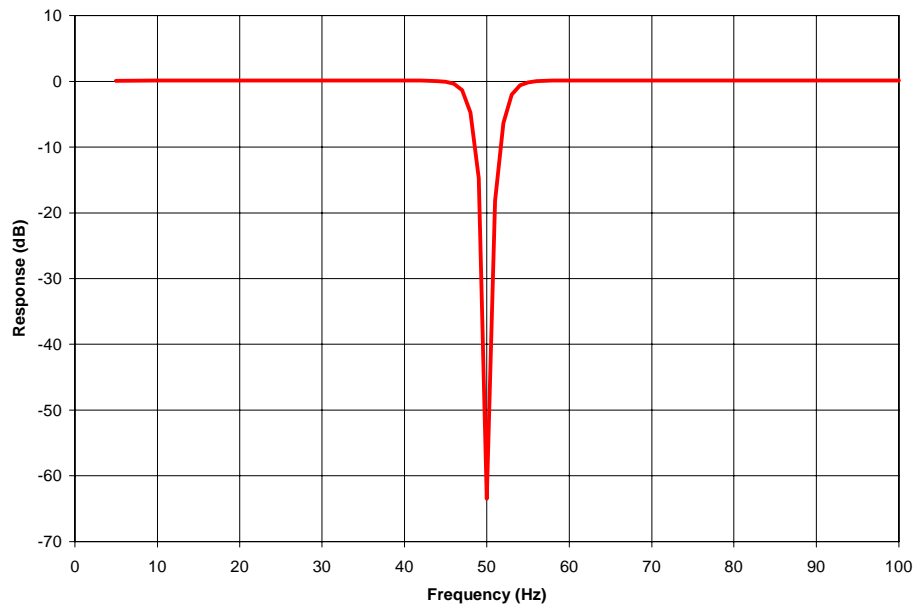
KR 2355-50 is an active notch filter. Other notch frequencies can be specified. Contact factory for details.

### Features

- 50 Hz Active notch filter
- No adjustments necessary

## Typical Performance

*Typical Response for 50 Hz Notch*  
(10 dB/div) DC to 100 Hz



*Figure 1*

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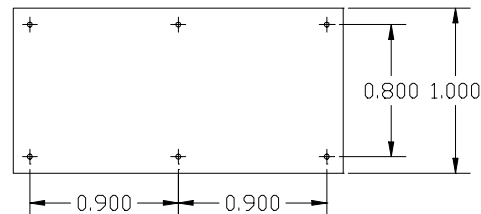
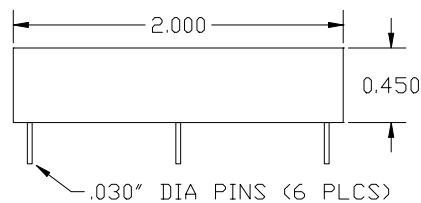
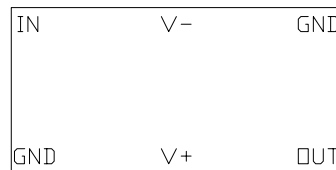
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# KR 2355-50 Notch Filter

## Specifications

Parameter	Specification
Filter type	Notch
Notch Frequency (Fo)	50 Hz
Max 3 dB Bandwidth	7 Hz
Attenuation at Fo	> 40 dB (typically >60 dB)
Gain	0 dB $\pm$ 0.2 dB
Max Input Voltage	$\pm$ 12 V
DC Offset	< 5 mV (1 mV typ)
Supply Voltage	$\pm$ 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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