

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

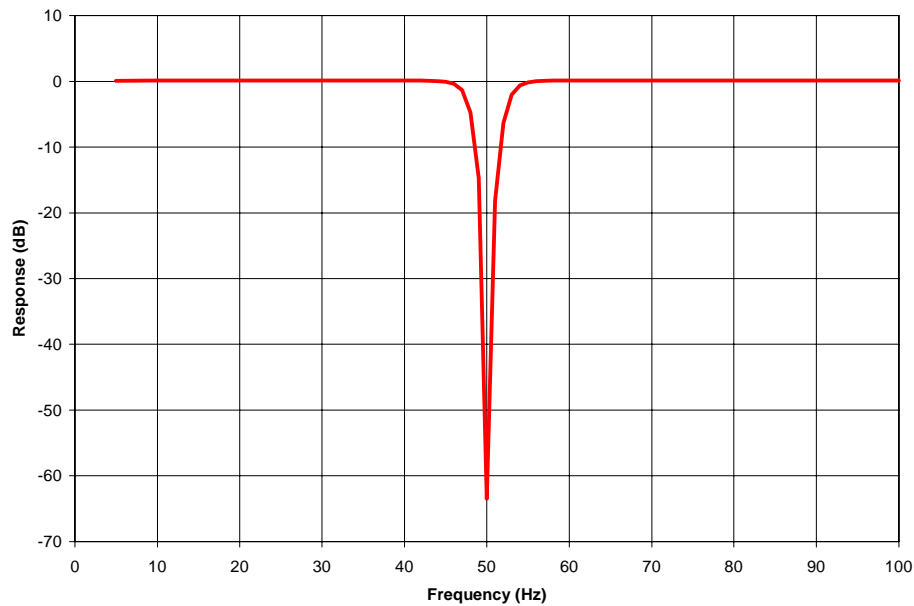


Figure 1

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

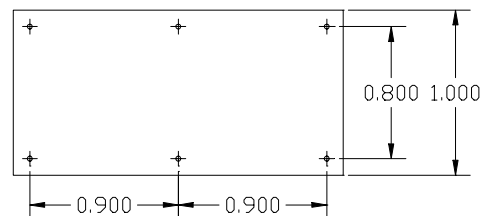
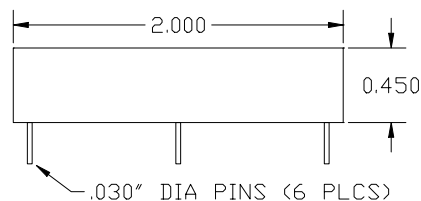
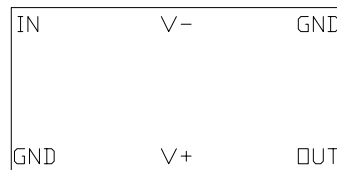
Web www.krfilters.com
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Fax (732) 636-1982

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 ± 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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