

KR Electronics, Inc.

General Description

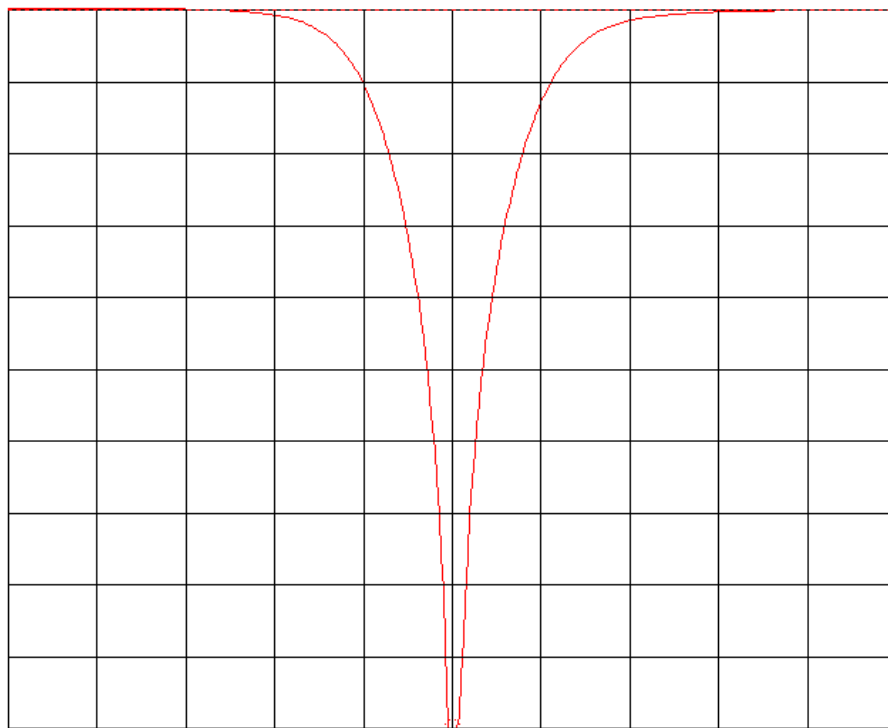
KR 2355-50 is a 50 Hz active notch filters. Other notch frequencies can be specified. Contact factory for details.

Features

- 50 Hz Active notch filter
- 3 dB BW 7 Hz max
- No adjustments necessary

Typical Performance– Measured

REF LEVEL / DIV MARKER 50.000Hz
 0.000dB 5.000dB MAG(UDF) -52.347dB



CENTER 50.000Hz SPAN 20.000Hz
 AMPTD -5.0dBm

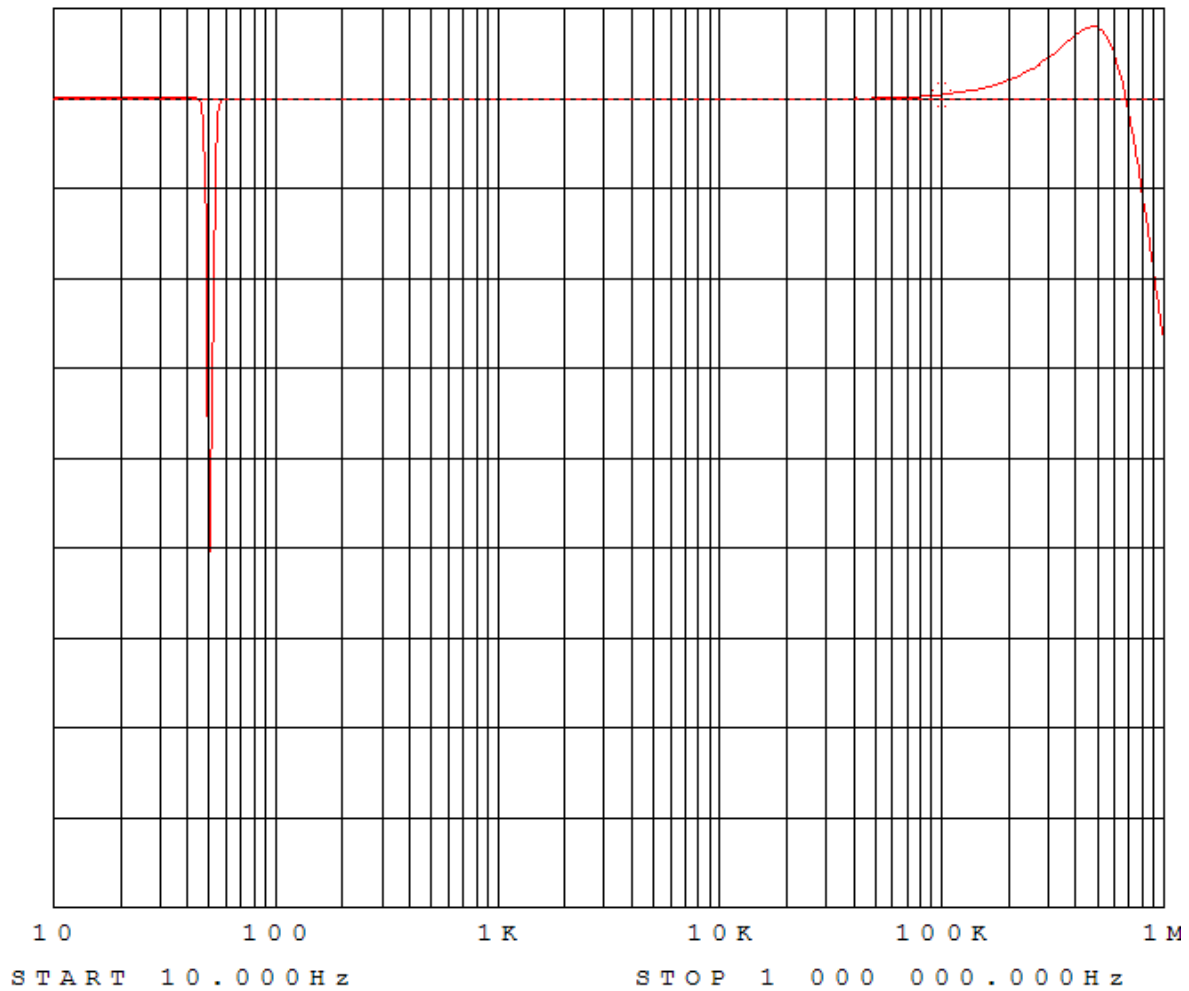
KR Electronics, Inc.
 91 Avenel Street
 Avenel, NJ 07001

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

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Typical Performance—Measured

REF LEVEL / DIV MARKER 100 000.000Hz
 0.000dB 5.000dB MAG(UDF) 0.215dB



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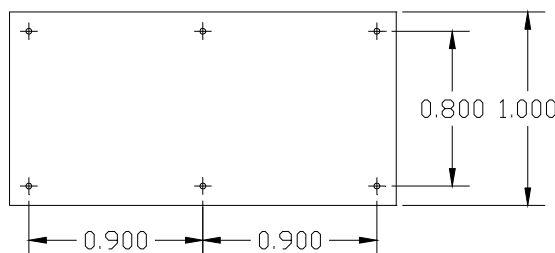
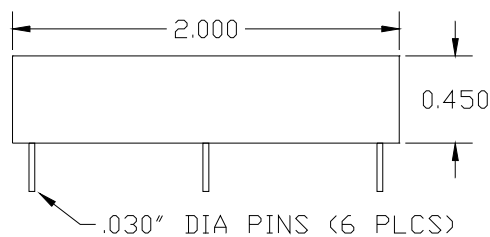
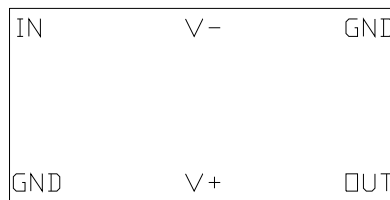
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Specifications

Parameter	Specification	
Filter type	Notch	
Notch Frequency (Fo)	50 Hz	
3 dB Bandwidth	7 Hz max	Upper passband limit to approx. 100 KHz
Attenuation at 50 Hz	> 40 dB	
Gain	0 dB ± 0.2 dB	
Max Input Voltage	± 8 V	
Supply Voltage	± 15 Vdc	
Supply Current	26 mA max (17.5 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

Also available with BNC
Connectors

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