

### General Description

KR Electronics part number 3088 is a 3.4 KHz notch filter. The filter has a typical 3 dB bandwidth of 2.44KHz. Other center frequencies and bandwidths are available. Please consult the factory.

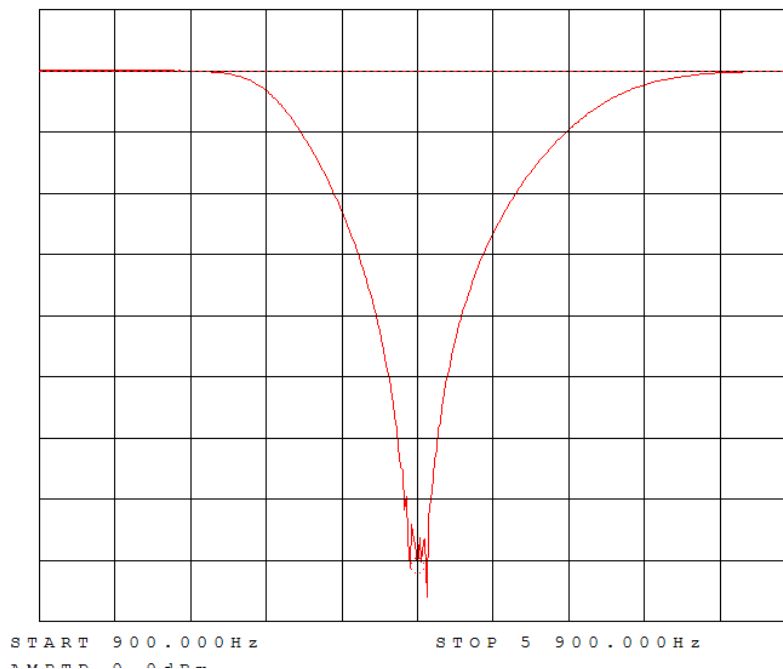
### Features

- 3.4 KHz Notch Frequency
- 2.44 KHz typical 3 dB Bandwidth
- High Attenuation in Notch
- 50  $\Omega$  Source
- 1000  $\Omega$  Load

### Typical Performance

#### Overall Response (10 dB/div)

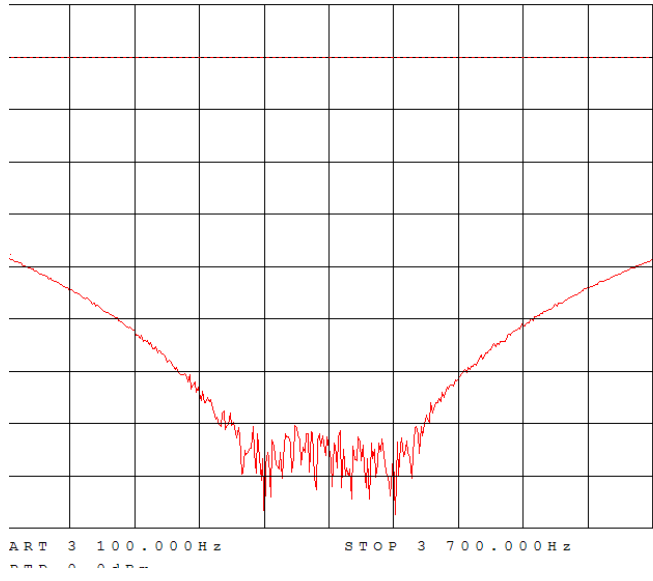
REF LEVEL / DIV      OFFSET 3 400.000Hz  
-6.000dB      10.000dB      MAG(UDF)      -81.052dB



Typical Performance

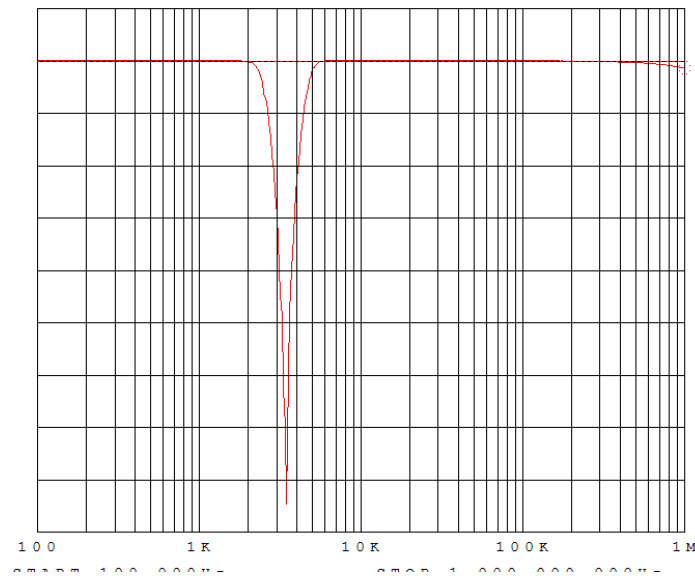
**Response in Notch**  
(10 dB/div)

F LEVEL / DIV OFFSET 3 100.000Hz  
.000dB 10.000dB MAG(UDF) -38.364dB



**Overall Response**  
(10 dB/div)

REF LEVEL / DIV OFFSET 1 000 000.000Hz  
-6.000dB 10.000dB MAG(UDF) -1.431dB



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

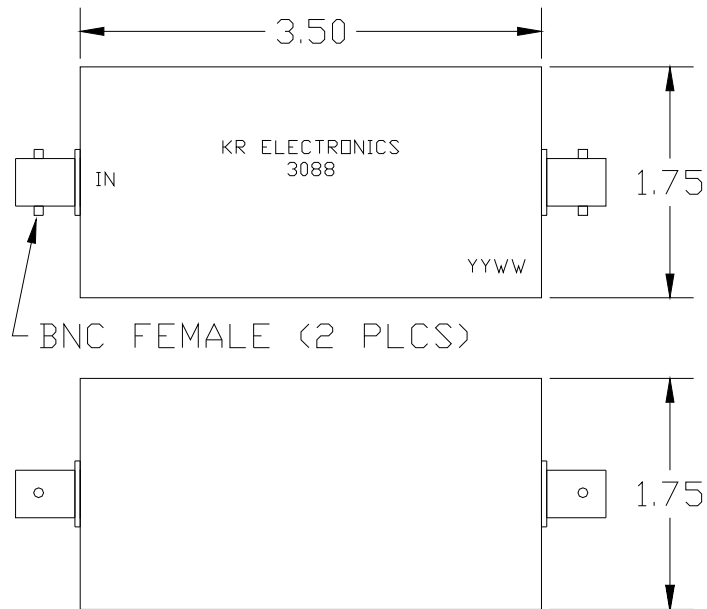
Web www.krfilters.com  
Email sales@krfilters.com  
Phone (732) 636-1900  
Fax (732) 636-1982

# KR Electronics, Inc. 3088

## Specifications

Parameter	Specification	Notes
Filter type	Notch	
Notch Frequency	3.4 KHz	
Insertion Loss	6 dB	
Typical 3 dB Bandwidth	2.44 KHz	
Rejection at 3.4 KHz	60 dB min	
Rejection 3.1 KHz to 3.7 KHz	30 dB min	
Source Impedance	50 $\Omega$	
Load Impedance	1000 $\Omega$	

## Physical Dimensions



**Notes:**

1. Dimensions in inches
2. Rectangular case