## KR Electronics, Inc.

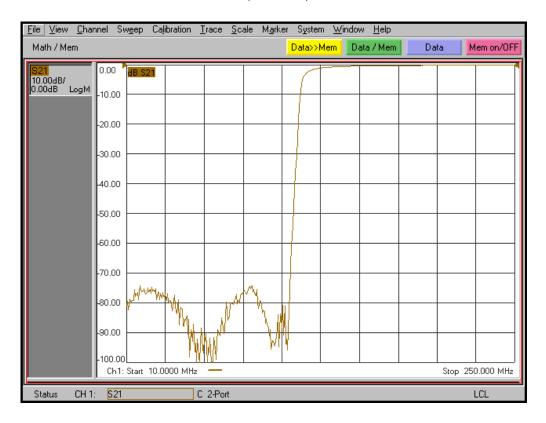
## **General Description**

KR Electronics part number 3094-1 is a 124 MHz highpass filter. The filter has a sharp transition to the stopband and attains over 70 dB by 110 MHz. Other bandwidths are available. Please consult the factory.

#### Features

- 124 MHz Highpass Filter
- Sharp Transition to the Stopband
- 70 dB min at 110 MHz
- High Stopband Attenuation
- 50  $\Omega$  Source and Load
- SMA Connectors
- Also available in surface mount

### **Typical Performance**



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

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# KR Electronics, Inc.

## **Typical Performance**

#### <u>F</u>ile <u>V</u>iew <u>C</u>hannel Sw<u>e</u>ep Ca<u>l</u>ibration <u>T</u>race <u>S</u>cale M<u>a</u>rker System <u>W</u>indow <u>H</u>elp Ref Position 0.00 Div 🗧 Autoscale Ref Pos Scale Scale Ref Level 100.00 1.000dB/ 0.00dB LogM 90.00 521 10.00ns/ 0.00ns Delay 80.00 70.00 60.00 50.00 40.00 30.00 20.00 10.00 0.00 Ch2: Start 123.000 MHz Stop 1.50000 GHz CH 2: S21 C 2-Port LCL Status

## Passband Amplitude & Group Delay

(1 dB/div & 10 nsec/div)

### Overall Response (10 dB/div)



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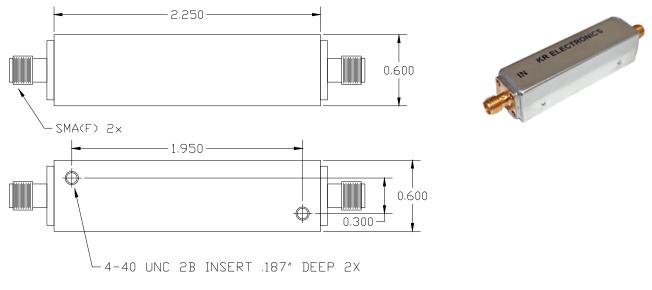
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## **KR Electronics 3094-1**

## **Specifications**

Parameter	Specification	Notes
Filter type	Highpass	
Start of Passband <3 dB	124 MHz	
Passband	124 MHz to 1500 MHz	
Stopband Rejection dc to 110 MHz	70 dB min	
Source and Load	50 Ω	

**Physical Dimensions** 



Notes:

- 1. Dimensions in inches
- 2. Rectangular case

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