## KR Electronics, Inc.

#### **General Description**

KR Electronics part number 3218-70 is a 70 MHz linear phase bandpass filter. The filter has a 3 dB bandwidth of 14 MHz. Other frequencies are available. Please consult the factory.

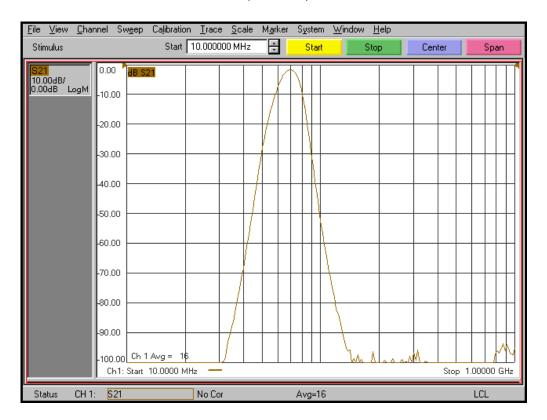
#### **Features**

- 70 MHz Bandpass Filter
- Linear Phase / Constant Group Delay
- 3 dB Bandwidth 14 MHz
- 50  $\Omega$  Source and Load
- Surface Mount Package
- SMA Connectors Also Available

## **Typical Performance**

#### **Overall Response**

(10 dB/div)



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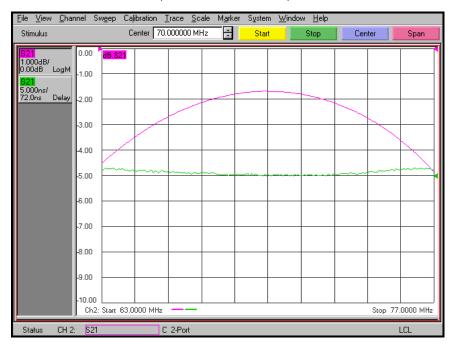
www.krfilters.com sales@krfilters.com (732) 636-1900 (732) 636-1982

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#### **Typical Performance**

## Passband Amplitude & Group Delay

(1 dB/div & 5 nsec/div)



## **Overall Response**

(10 dB/div)



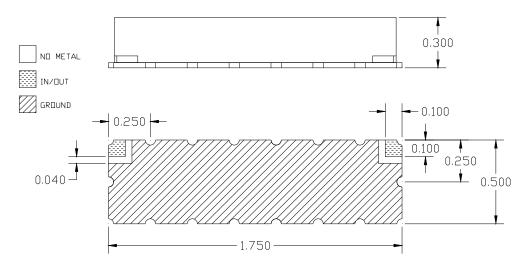
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## **KR Electronics 3218-70**

### **Specifications**

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency (Fc)	70 MHz	
Insertion Loss (at Fc)	3 dBa max	1.7 dBa typical
3 dBc Bandwidth	14 MHz ± 0.5 MHz	
Passband Group Delay Variation	± 5 nsec max	
35 dBc Bandwidth	48 MHz max	
Source and Load	50 Ω	

## **Physical Dimensions**



#### Notes:

- 1. Surface mount package Metal cover open frame
- 2. Dimensions in inches
- 3. Maximum reflow temperature is 230° C for 10 sec maximum.
- 4. If boards are cleaned after installation, units must be completely dried.

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