# KR Electronics, Inc.

#### **General Description**

KR Electronics part number 3169 is a group delay equalized 70 MHz bandpass filter. The filter has a min 3 dB bandwidth of 60 MHz. Other center frequencies and bandwidths are available. Please consult the factory.

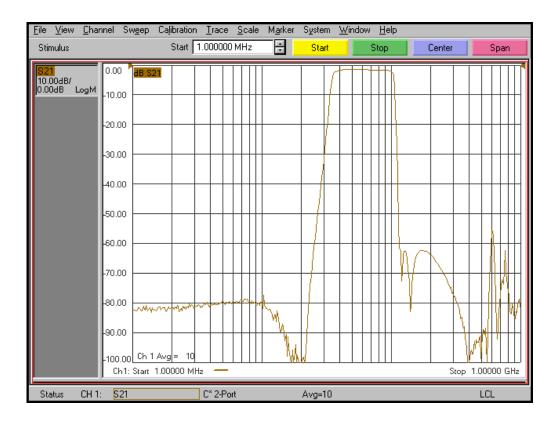
#### **Features**

- 70 MHz Bandpass Filter
- 60 MHz min 3 dB Bandwidth
- Group Delay Equalized for Linear Phase
- Highly Selective Elliptic Type Filter
- 50 Ω Source and Load
- Surface Mount
- SMA Connectors Available

### **Typical Performance**

### **Overall Response**

(10 dB/div)



KR Electronics, Inc. 91 Avenel Street Avenel, NJ 07001 Web Email Phone Fax www.krfilters.com sales@krfilters.com (732) 636-1900 (732) 636-1982

# KR Electronics, Inc.

#### **Typical Performance**

### Passband Amplitude & Group Delay

(1 dB/div & 10 nsec/div)



## **Overall Response**

(10 dB/div)



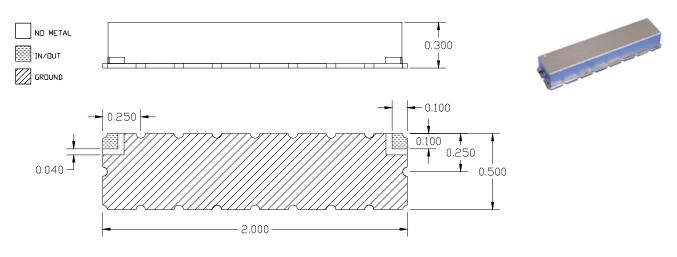
KR Electronics, Inc. 91 Avenel Street Avenel, NJ 07001 Web Email Phone Fax www.krfilters.com sales@krfilters.com (732) 636-1900 (732) 636-1982

## **KR Electronics 3169**

#### **Specifications**

Parameter	Specification	Notes
Filter type	Bandpass	
Center Frequency	70 MHz	
Insertion Loss	2.5 dBa max	1.6 dBa typical
1 dB Bandwidth	65 MHz typical	
3 dBc Bandwidth	60 MHz min	70 MHz typical
50 dBc min at	25 MHz and 115 MHz	
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
- 5. Also available with SMA connectors. See part number 3169-SMA

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