KR Electronics

General Description

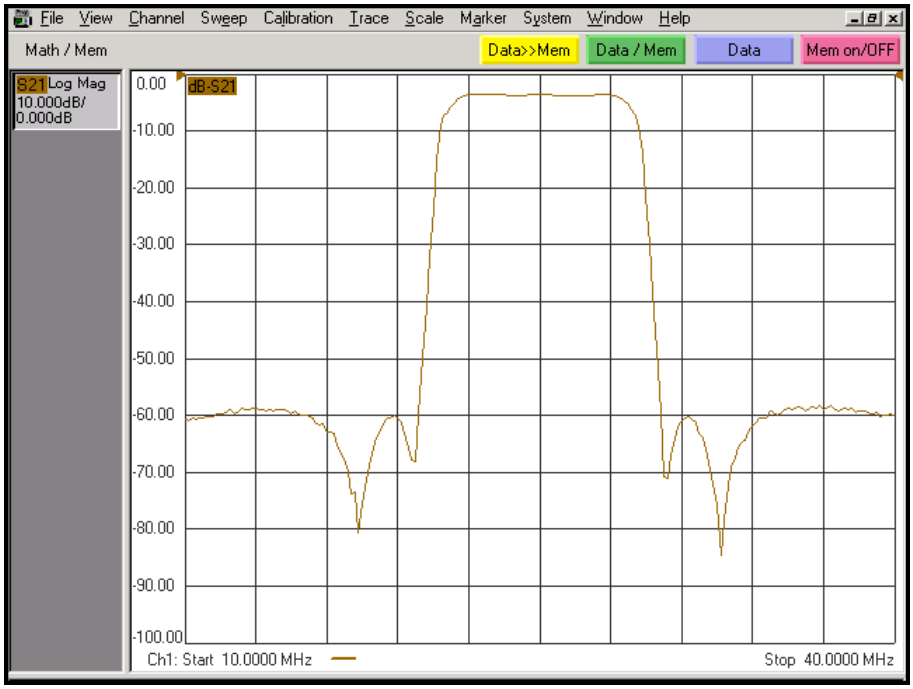
KR 2839 is a 25 MHz elliptic bandpass filter. The 1 dB bandwidth is 6 MHz minimum. The filter is group delay and amplitude equalized. Other center frequencies and bandwidths available. Please consult the factory.

Features

- 25 MHz Center Frequency
- 6 MHz min 1 dB Bandwidth
- Group Delay/Phase Equalized
- Elliptic Response
- Surface Mount
- 50 Ω Source and Load

Typical Performance

Overall Response
(10 dB/div)



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

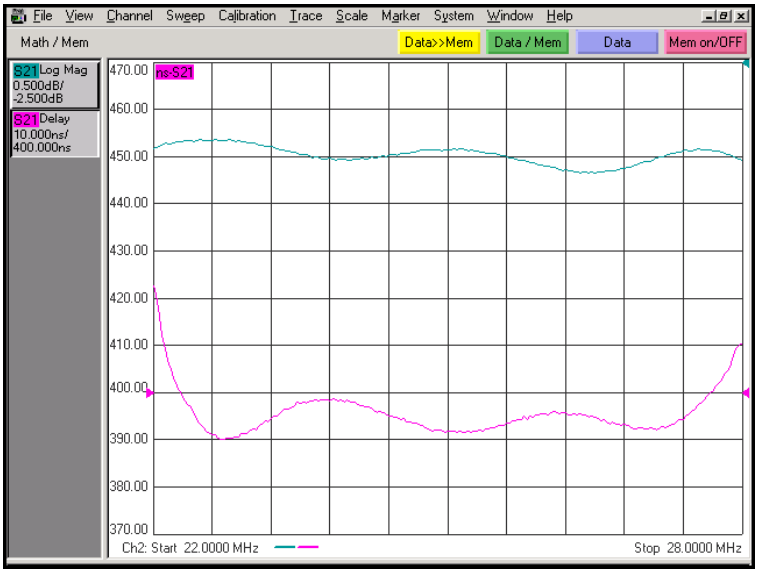
Web *www.krfilters.com*
Email *sales@krfilters.com*
Phone *(732) 636-1900*
Fax *(732) 636-1982*

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Typical Performance

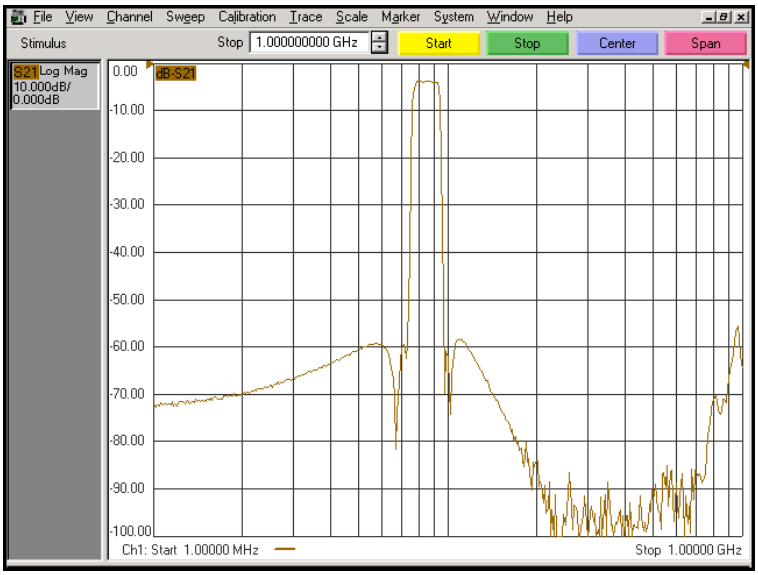
Passband Amplitude & Group Delay

(0.5 dB/div & 10 nsec/div)



Overall Stopband to 1 GHz

(10 dB/div)



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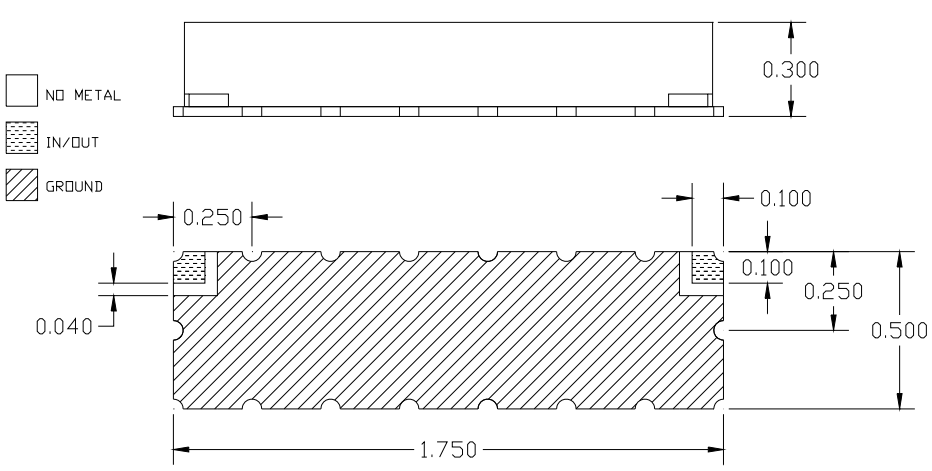
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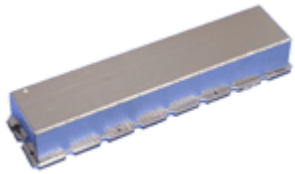
KR Electronics 2839

Specifications

Parameter	Specification	
Filter type	Bandpass	
Center Frequency	25 MHz	
Insertion Loss	< 6 dB (3.5 dB typical)	
Minimum 1 dB Bandwidth	6 MHz min	
Attenuation 20 MHz	40 dB min	Ultimate attenuation >50 dB
Attenuation 30 MHz	40 dB min	Ultimate attenuation >50 dB
Passband Ripple	< 0.5 dB	
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 209° C for 10 sec maximum.
4. If boards are cleaned after installation, units must be completely dried.

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