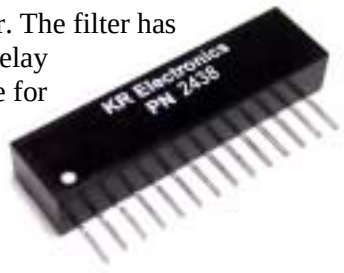
KR 2438 VIDEO FILTER

General Description

KR 2438 is a video lowpass filter. The filter has a 5.5 MHz passband and group delay equalization. The filter is suitable for surface mount. Other passband frequencies are available. Please consult the factory.



Features

- **Anti-Aliasing filter**
- **Elliptic response**
- **Group delay equalization**
- **Surface mount**
- **75 Ω**

Typical Performance

Passband Amplitude & Group Delay

(0.1 dB/div & 10 nsec/div)

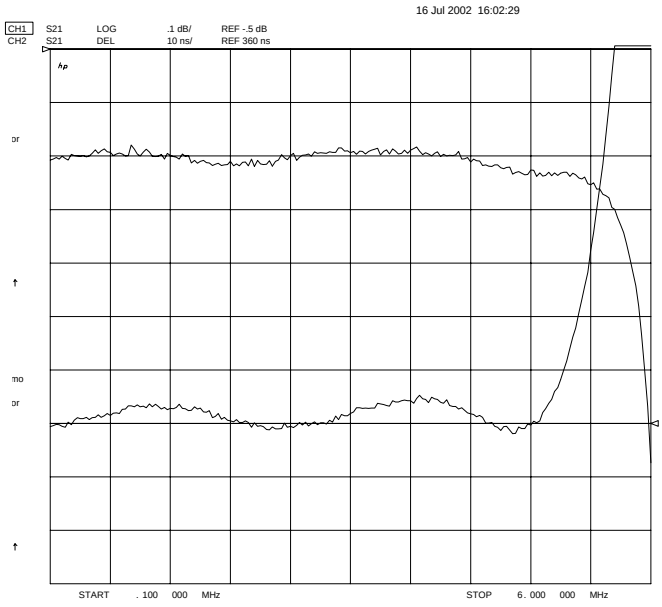


Figure 1

Overall Response

(10 dB/div)

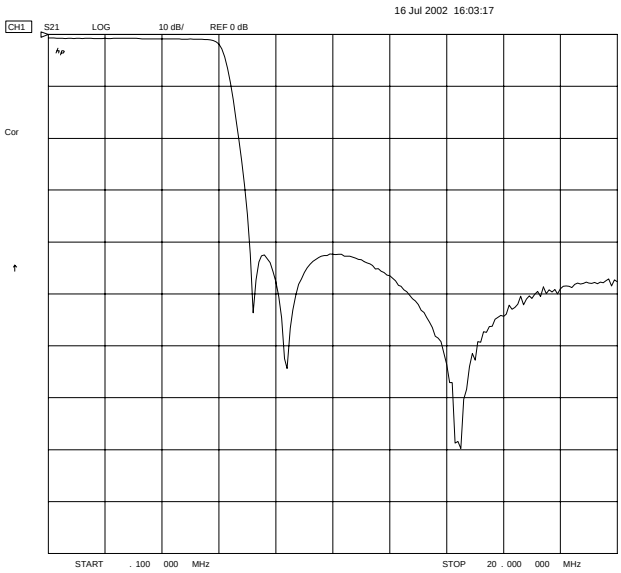


Figure 2

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*

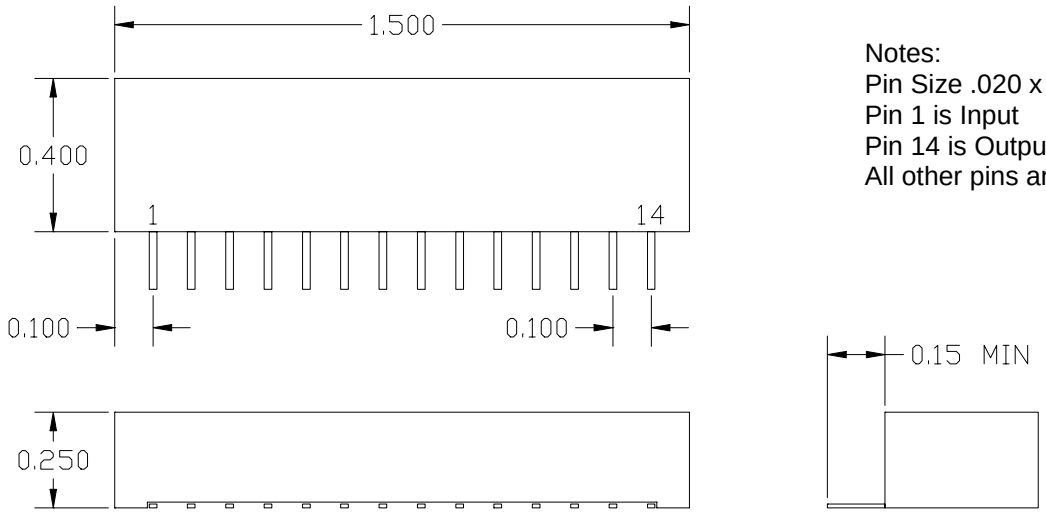
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KR 2438 Video Filter

Specifications

Parameter	Specification
Filter type	Lowpass
Insertion Loss	< 1dB (0.7 dB Typ)
Passband Ripple to 5.5 MHz	< 0.3 dB
Group Delay Ripple to 5.04 MHz	< 14 nsec
Approximate Absolute Group Delay	360 nsec
Attenuation at 6.81 MHz	> 20 dB
Attenuation at 7.23 MHz and above	> 40 dB
Source & Load	75 Ω

Physical Dimensions



Notes:
Pin Size .020 x .010 in
Pin 1 is Input
Pin 14 is Output
All other pins are ground

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