

KR Series 2338 Lowpass Filter

General Description

KR Series 2338 are group delay equalized lowpass filters. The filter's flat passband response and group delay equalization make them good choices for video applications. Cutoff frequencies can be specified from 10 MHz to 50 MHz.

Features

- Flat passband response
- Group delay equalized
- Surface mount package

Typical Performance

Passband Response $f_c=30$ MHz
(0.1 dB/div & 5 nsec/div) 100 KHz to 30 MHz

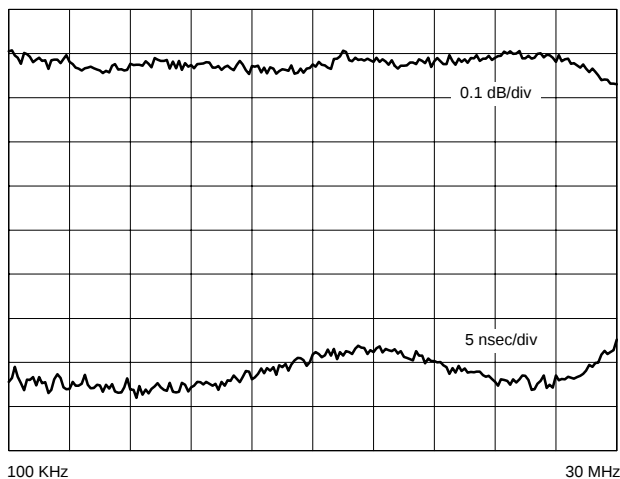


Figure 1

Overall Response $f_c=30$ MHz
(10 dB/div) 100 KHz to 100 MHz

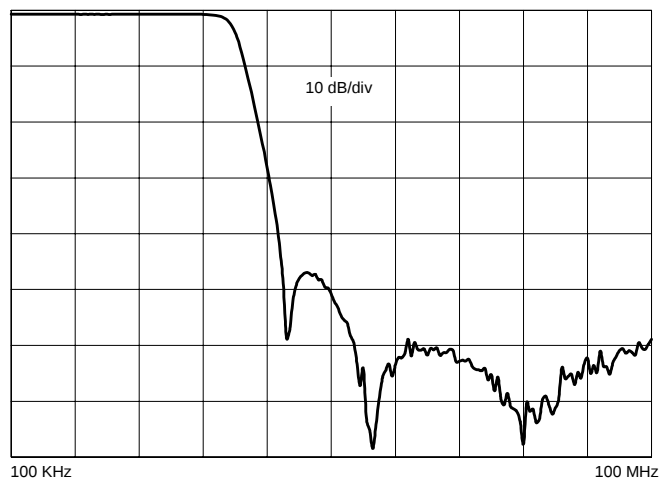


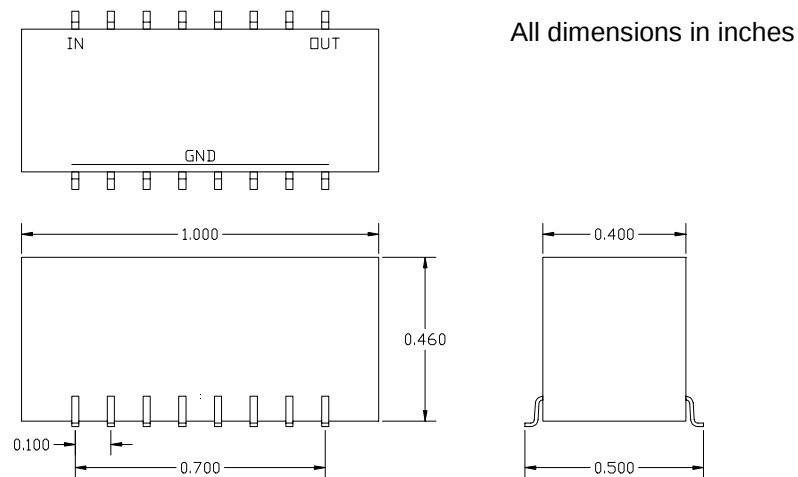
Figure 2

KR Series 2338 Lowpass Filter

Specifications

Parameter	Specification	
Filter type	Lowpass	
Insertion Loss	< 1 dB	
End of Passband (fc)	10 MHz to 50 MHz	User Specified
Passband Ripple	< 0.1 dB	
Attenuation at 1.485 x fc	> 40 dB	
Attenuation at 1.810 x fc	> 50 dB	
Group Delay Ripple	Consult Factory	
Source and Load	75 Ω	Others available

Physical Dimensions



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