

KR 2391A-8-50 Lowpass Filter

General Description

KR 2391A-8-50 is a group delay equalized lowpass filters. The filter's flat passband response and group delay equalization make it a good choice for video applications.

Features

- Flat passband response
- Group delay equalized

Typical Performance

Passband Response $f_c=8$ MHz
(0.1 dB/div & 10 nsec/div) 100 KHz to 8 MHz

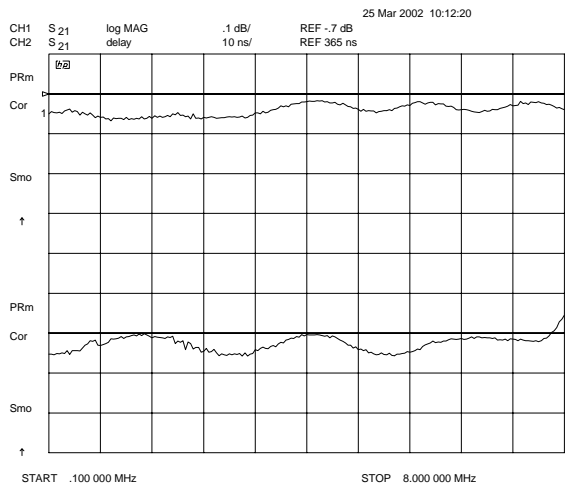


Figure 1

Overall Response $f_c=8$ MHz
(10 dB/div) 100 KHz to 25 MHz

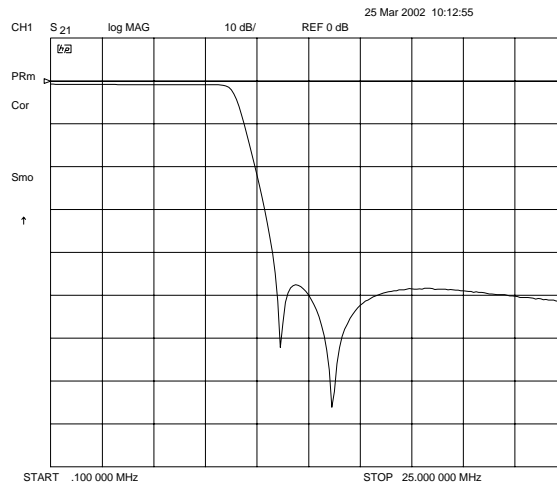


Figure 2

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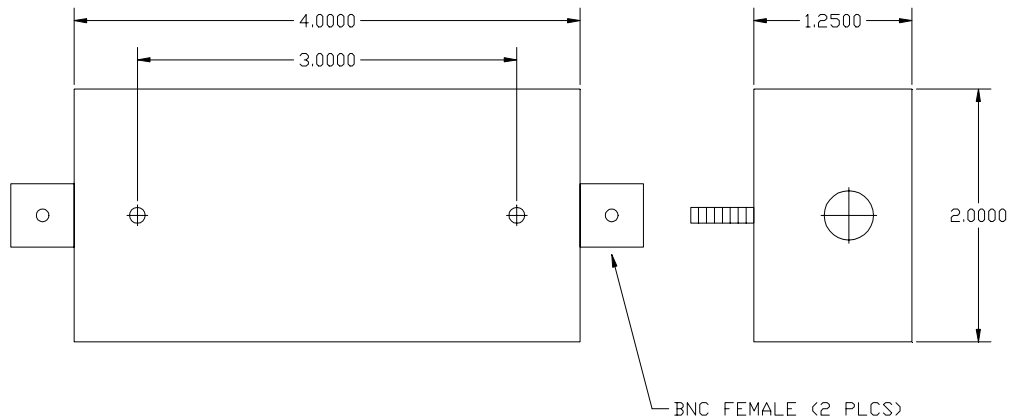
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KR Series 2391A-8-50

Specifications

Parameter	Specification
Filter type	Lowpass
Insertion Loss	< 1 dB
End of Passband (fc)	8 MHz
Passband Ripple	< 0.25 dB
Attenuation at 1.1 x fc	< 3 dB
Attenuation at 1.38 x fc	> 45 dB
Group Delay Ripple to fc	< 10 nsec
Source and Load	50Ω

Physical Dimensions



Also available in a 4 x 2 x 0.5 inch metal can
with PCB terminals
Other configurations available on request

All dimensions in inches

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