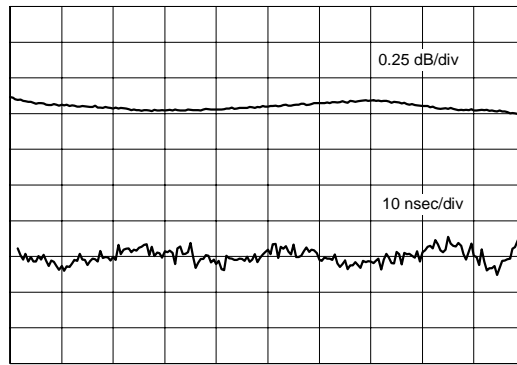


# Lowpass Filter

KR Model  
MDV8B250

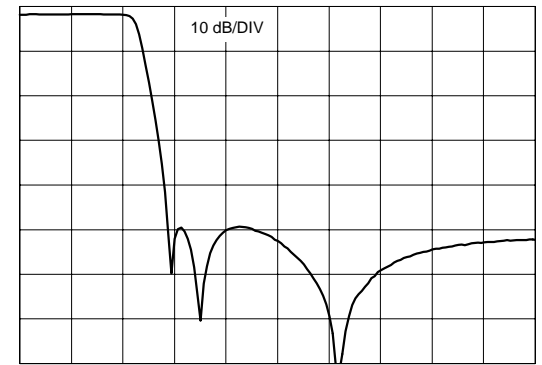
## Passband Amplitude & Group Delay



100 KHz

2.5 MHz

## Overall Amplitude



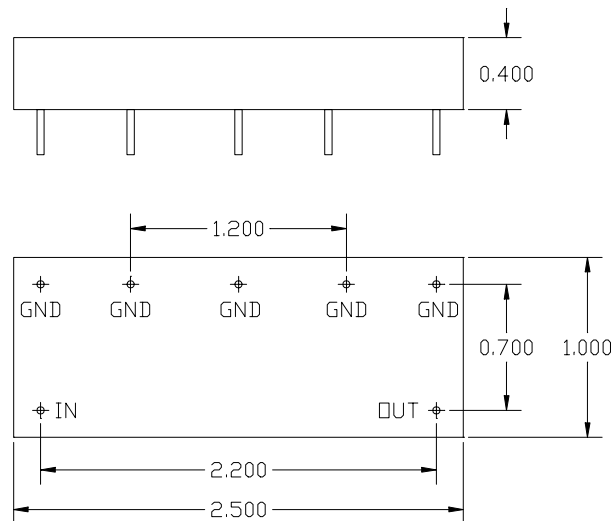
100 KHz

12 MHz

## Specifications

<b>KR Part Number</b>	<b>MDV8B250</b>
<b>Filter Type</b>	Video Lowpass
<b>Insertion Loss</b>	< 2 dB
<b>End of Passband</b>	2.5 MHz
<b>Passband Ripple</b>	< 0.20 dB
<b>Start of Stopband</b>	3.5 MHz
<b>Stopband Attenuation</b>	> 45 dB
<b>Group Delay Ripple</b>	< ±10 nsec
<b>Group Delay Control to</b>	3.5 MHz
<b>Source and Load Impedance</b>	75 Ω

## Outline Drawing



NOTES:

1. INPUT AND OUTPUT PINS .030" DIA
2. GROUND PINS .040" DIA
3. CASE IS BLACK EPOXY ENCAPSULATED

Dimensions inches

**KR Electronics**  
www.krfilters.com  
91 Avenel Street  
Avenel, NJ 07001  
732-636-1900