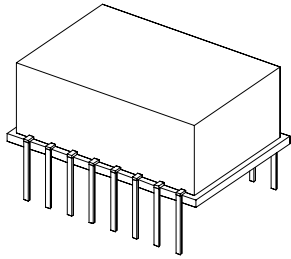
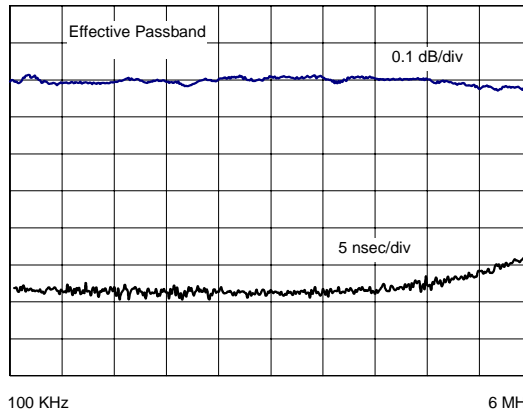


# Lowpass Filter

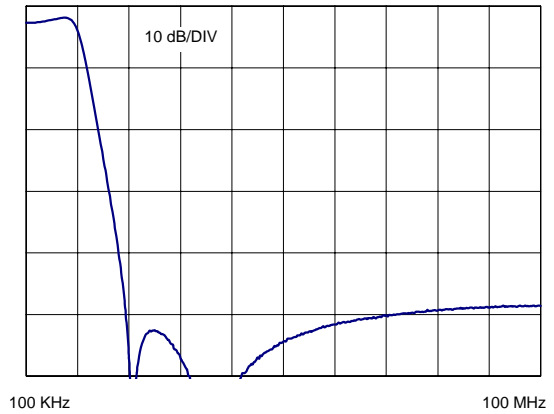
KR Model  
2181



## Effective Passband & Group Delay



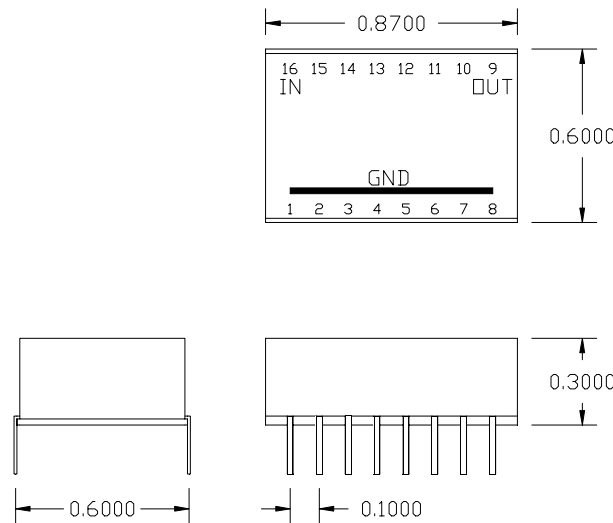
## Overall Amplitude



## Specifications

<b>KR Part Number</b>	<b>2181</b>
<b>Filter Type</b>	Video Lowpass with Sin(x)/x Correction
<b>Insertion Loss</b>	< 3 dB
<b>End of Passband</b>	5.75 MHz
<b>Effective Passband Ripple</b>	< 0.2 dB
<b>Start of Stopband</b>	20.25 MHz
<b>Stopband Attenuation</b>	> 45 dB
<b>Group Delay Ripple</b>	< 3 nsec
<b>Group Delay Control to</b>	5.5 MHz
<b>Approximate Group Delay</b>	80 nsec
<b>Source and Load Impedance</b>	75 $\Omega$
<b>Sampling Frequency</b>	27 MHz

## Outline Drawing



Epoxy Package  
All leads .020" x .010"

Pin Identification

Pin 16 - Input  
Pin 9 - Output  
Pins 10 thru 15 - NC  
Pins 1 thru 8 - Ground

All Dimensions inches

TOLERANCE UNLESS OTHERWISE STATED  $\pm 0.010$ "

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