

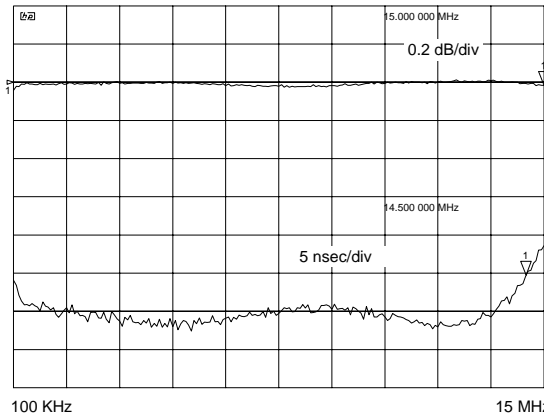
# HDTV Filter

KR Model  
2381

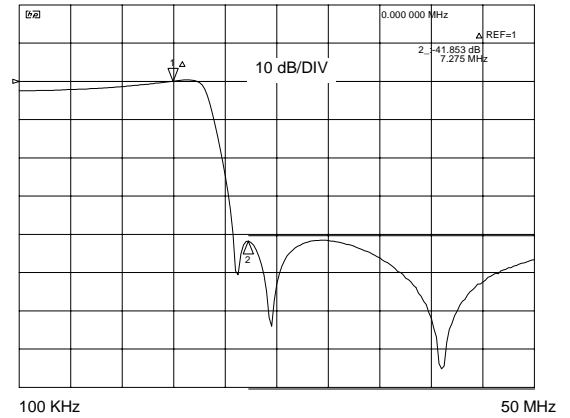
Low Cost  
Miniature

Near SMPTE  
274M

## Effective Passband & Group Delay



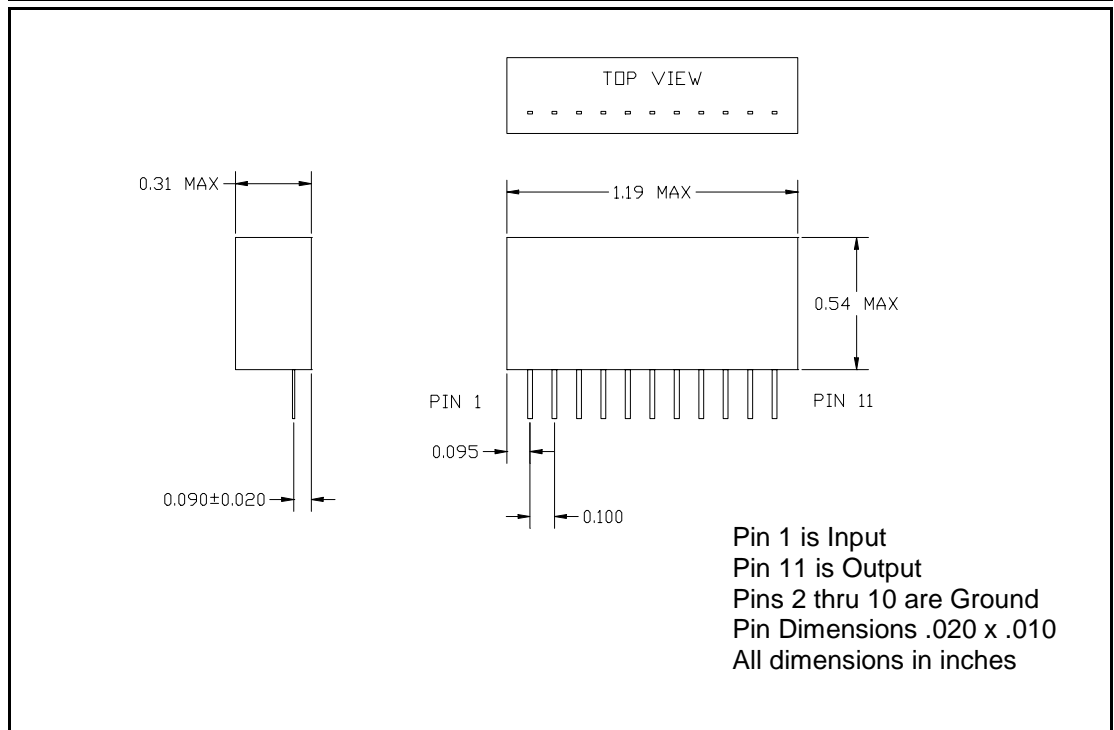
## Overall Amplitude



## Specifications

<b>KR Part Number</b>	<b>2381</b>
<b>Filter Type</b>	Video filter for HDTV
<b>Insertion Loss</b>	< 5.0 dB
<b>End of Passband</b>	15 MHz
<b>Effective Passband Ripple</b>	< 0.25 dB
<b>Atten at 18.5625 MHz including Sin(x)/x</b>	> 6 dB
<b>Atten at 22.275 MHz Ref to 15 MHz</b>	> 40 dB
<b>Sin(x)/x Correction</b>	Yes for Sampling Freq 37.125 MHz
<b>Group Delay Ripple to 14.5 MHz</b>	< 14 nsec
<b>Insertion Delay</b>	Approx 102 nsec
<b>Source and Load Impedance</b>	75 $\Omega$
<b>See Chrominance Filter — 30 MHz</b>	Chrominance filter 2382

## Outline Drawing



KR Electronics  
91 Avenel Street  
Avenel, NJ 07001