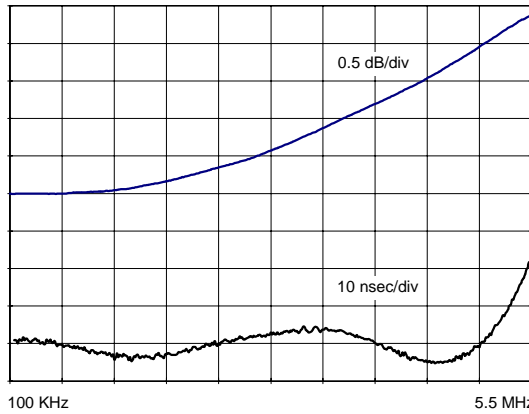


# Lowpass Filter

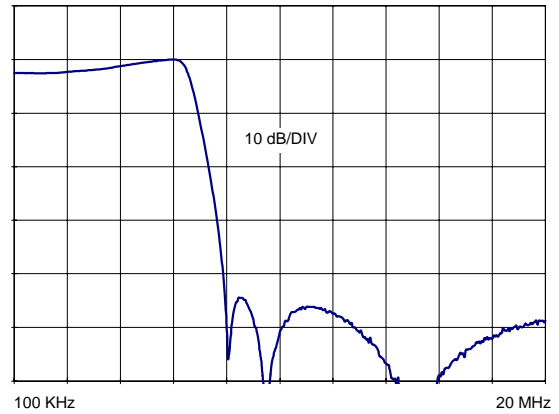
**KR Model  
XL2-550-1350-S**

*Model XL2-550-1350-S is a low cost video filter with Sin(x)/x correction.*

## Passband Amplitude & Group Delay



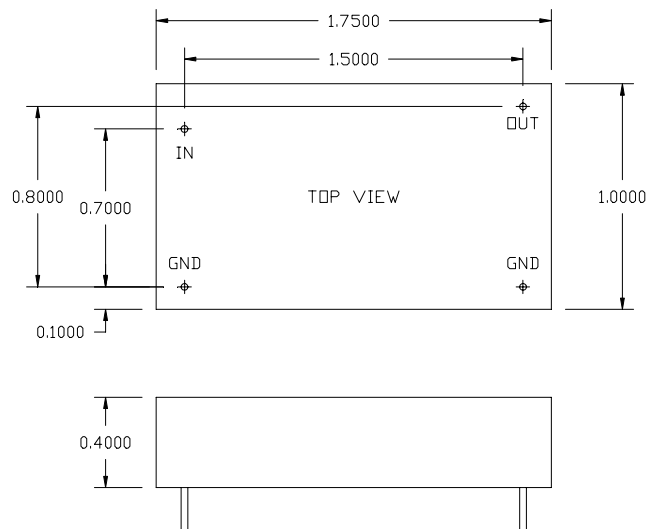
## Overall Amplitude



## Specifications

KR Part Number	XL2-550-1350-S
Filter Type	Video Lowpass
Insertion Loss	< 5 dB
End of Passband	5.5 MHz
Passband Ripple	< 0.3 dB
Start of Stopband	8.0 MHz
Stopband Attenuation	> 40 dB
Group Delay Ripple	< 15 nsec
Group Delay Control to	5.2 MHz
Approximate Group Delay	275 nsec
Source and Load Impedance	75 Ω
Sampling Frequency	13.5 MHz

## Outline Drawing



Epoxy Package  
All leads .030" diameter  
All Dimensions Shown in inches

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