

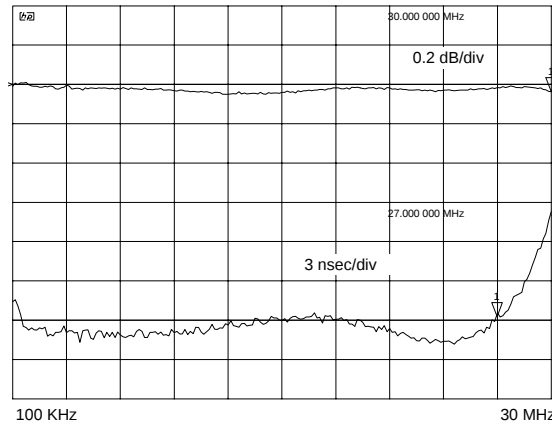
HDTV Filter

**KR Model
2382**

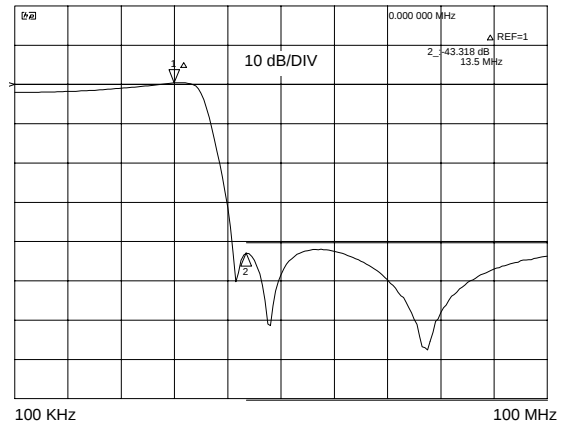
**Low Cost
Miniature**

**Near SMPTE
274M**

Effective Passband & Group Delay



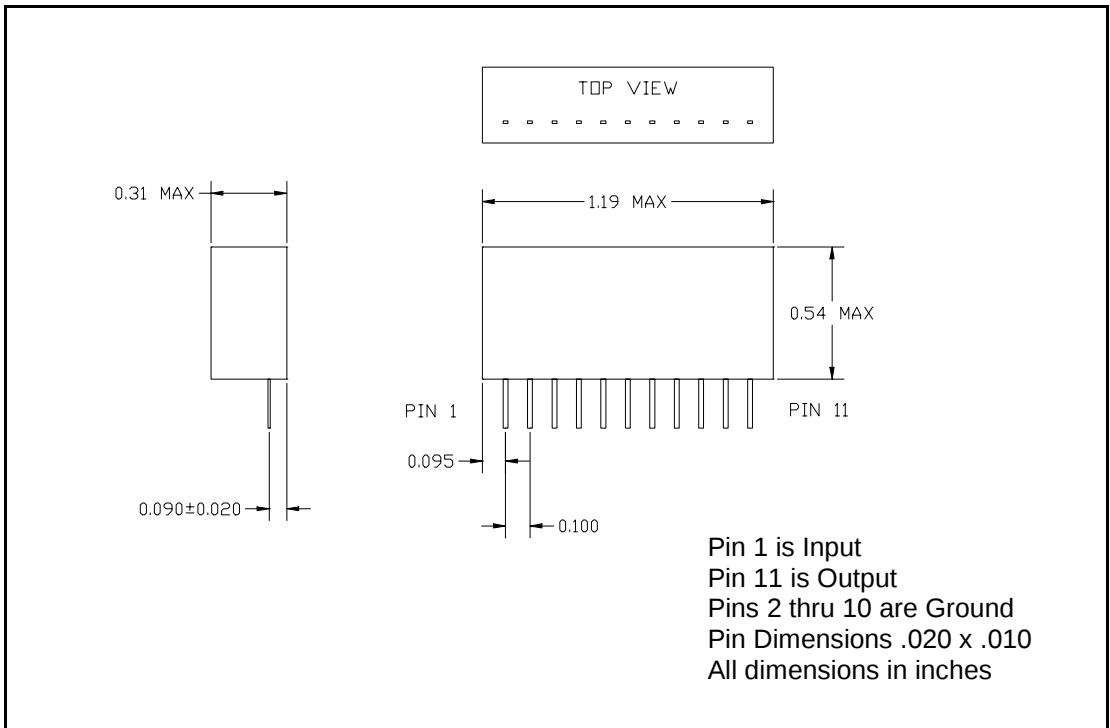
Overall Amplitude



Specifications

KR Part Number	2382
Filter Type	Video filter for HDTV
Insertion Loss	< 5.5 dB
End of Passband	30 MHz
Effective Passband Ripple	< 0.20 dB
Atten at 37.125 MHz including Sin(x)/x	> 12 dB
Atten at 43.5 MHz Ref to 30 MHz	> 40 dB
Sin(x)/x Correction	Yes for Sampling Freq 74.25 MHz
Group Delay Ripple to 27 MHz	< 3 nsec
Insertion Delay	Approx 52 nsec
Source and Load Impedance	75 Ω
See Chrominance Filter — 15 MHz	Chrominance filter 2381

Outline Drawing



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