

D/A (POST) VIDEO FILTER

VLF SERIES

In order to go abreast with the development of digital TV broadcasting in the 21st century, UDC offers a series of latest designed, compact size D/A Video Filters.

They are most suitable for digital equipment, such as HDTV (DTV) Decoders, Receivers, Digital ready TV set top box.....etc.

Features

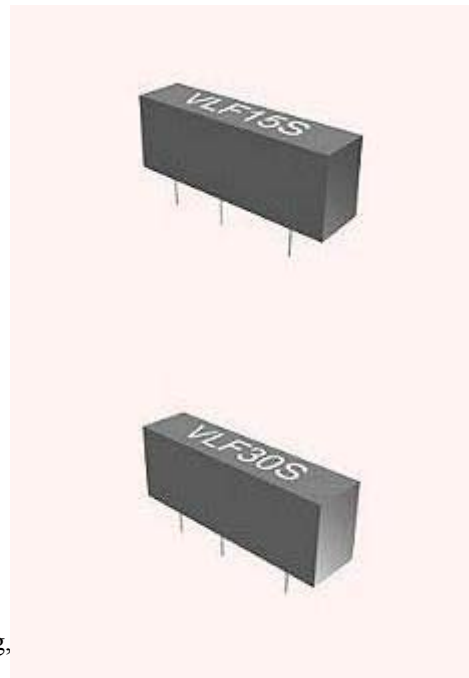
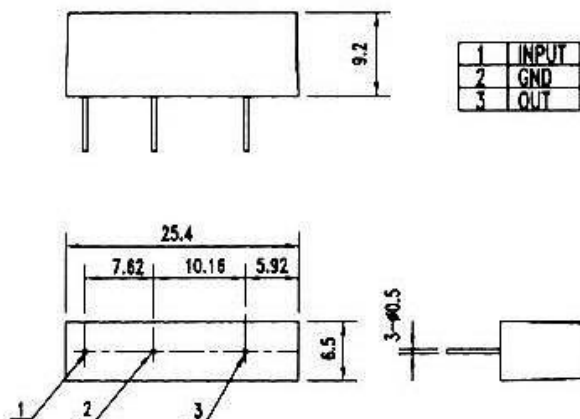
- Compact size, outline dimensions : 25.4(L) x 6.5(W) x 9.2(H) mm
- Best performance : Near SMPTE274M, AMPTE296M, EU95Pg3, Luminance and Chrominance, Post with Sin x/x correction
Standard impedance 75 Ohm(Or subject to customer's requirement)
- Guaranteed lowest price (about half price comparing with the same product available in the market).

Luminance Filter (Y-post)

Chrominance Filter (C-post)

Part no.	VLF30S	VLF15S
Impedance	75 Ohm	75 Ohm
Passband Fv	30MHz	15MHz
Attenuation at 37.125MHz	12dB min.	Attenuation at 18.56MHz 6dB
Attenuation at 44.25MHz	30dB min	Attenuation at 23.00MHz 30dB min
Attenuation at 54.25MHz	40dB min	Attenuation at 27MHz 40dB min
Attenuation at 44.25MHz – 200MHz	30dB min	Attenuation at 23MHz – 100MHz 30dB min
Passband group delay control to	30MHz	15MHz
Passband group delay ripple	+/- 10nS	+/- 10nS
Sin x/x Corrected	Yes	Yes
Sampling rate	74.25MHz	37.12MHz
Flat loss at 100KHz	4.5dB max	4.5dB max
Typical Group Delay	65nS +/- 10nS	130nS +/- 10nS

(Subject to change without notice as of our policy of product improvement)



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