

# OVERSAMPLING FILTERS

## FL1300/FL1254

<i>Type Number</i>	FL1300	FL1254
<i>Filter Type</i>	Luminance Pre	Luminance Post
<i>Filter Shape</i>	Lowpass	Lowpass
<i>Passband Shape</i>	Flat	Sinx/x
<i>Sampling Frequency</i>	27 MHz	27 MHz
<i>Insertion Loss at 100 kHz</i>	<0.5 dB	<2.0 dB
<i>End Of Passband</i>	5.75 MHz	5.75 MHz
<i>Passband Amplitude Ripple</i>	< 0.05 dB	< 0.05 dB
<i>Start Of Stopband</i>	21.25 MHz	21.25 MHz
<i>Stopband Attenuation wrt 5.75 MHz</i>	>40 dB	>40 dB
<i>Group Delay Ripple</i>	<6 ns	<8 ns
<i>Group Delay Bandwidth</i>	5.75 MHz	5.75 MHz
<i>Impedance</i>	75 ohms	75 ohms
<i>Aqueous Washable</i>	Yes	Yes
<i>Package</i>	DR00107B	DR00107B

<sup>1</sup> Measured against sinx/x roll off for a sampling frequency of 27 MHz.

# PACKAGE DETAIL

