FF….L SERIES
LOW PASS VIDEO FILTER

STEEPNESS FACTOR 1.35

These low pass video filters are intended for bandwidth limitation over the video range of frequencies. The filters are 7-pole Elliptical Function networks which have been equalised to correct for group delay distortion over 95% of the passband and for loss distortion over the entire passband. Degradation of a composite video signal is minimal when a 4.5 MHz or 5.5 MHz filter is selected for a 525 or 625 line T.V. system. Typical uses are to suppress sound or telephone channels placed above and close to the video band. The standard filters are specified. We would be pleased to examine special requirements.

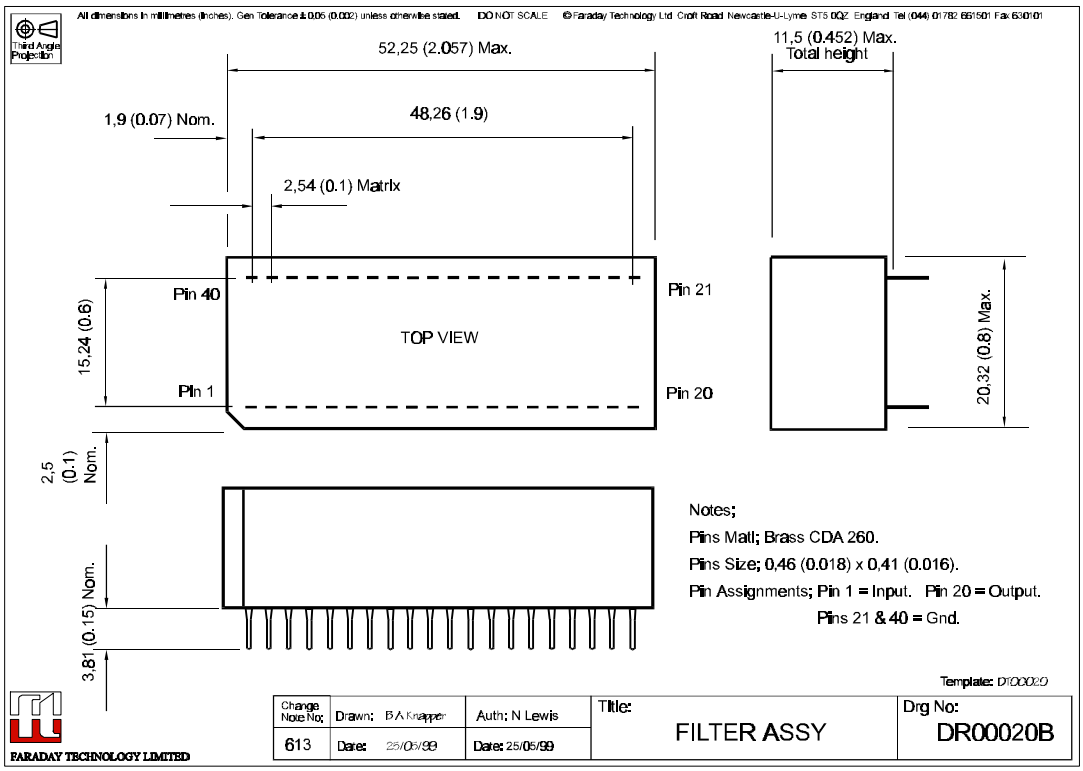
Order Code	End of Passband	Start of Stopband	Delay Time
	MHz	MHz	ns
FF0200L*	2.00	2.69	1274
FF0250L*	2.50	3.37	1019
FF0300L*	3.00	4.04	850
FF0350L*	3.50	4.71	728
FF0400L*	4.00	5.38	637
FF0450L*	4.50	6.06	566
FF0500L*	5.00	6.73	510
FF0550L*	5.50	7.40	463
FF0600L*	6.00	8.08	425
FF0650L*	6.50	8.75	392
FF0700L*	7.00	9.42	364
FF0750L*	7.50	10.10	340
FF0800L*	8.00	10.77	319
FF0850L*	8.50	11.44	300
FF0900L*	9.00	12.13	383
FF0950L*	9.50	12.79	268
FF1000L*	10.00	13.46	255

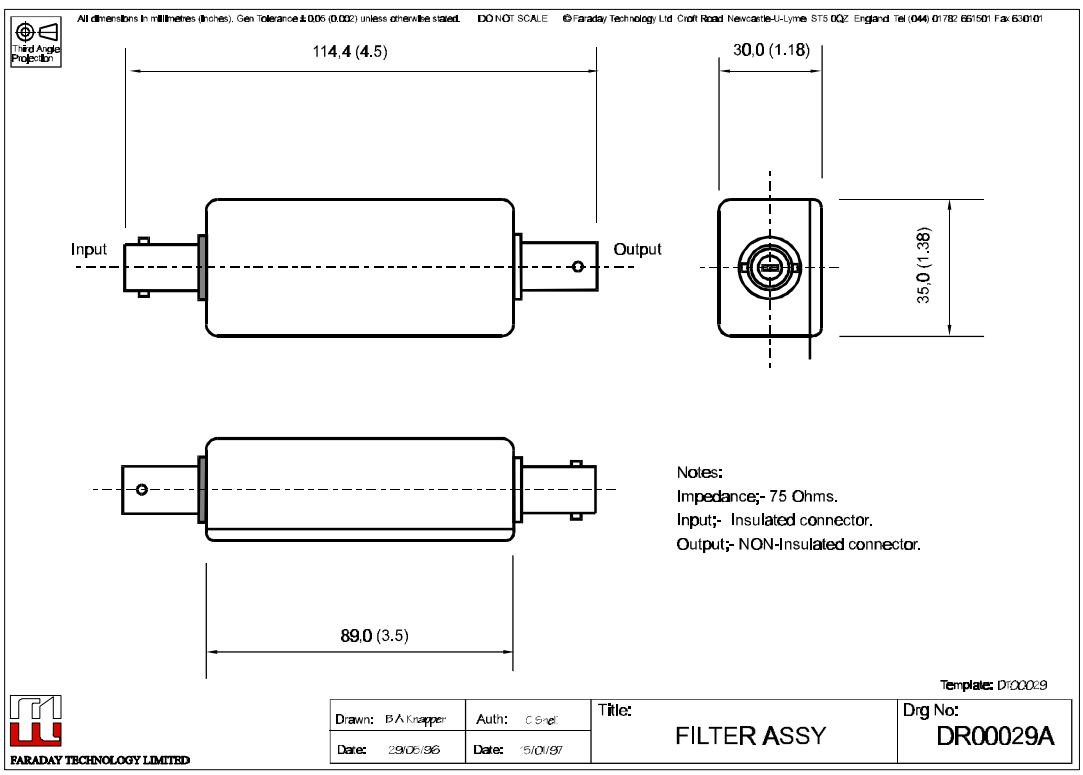
* insert	suffix ‘D’ for DIP package eg FF0500LD	DR00020B
	suffix ‘B’ for BNC package eg FF0500LB	DR00029A

Other data	*Impedance*	75 ohms
	Insertion Loss	< 1.5 dB
	Stopband attenuation wrt 100 kHz	> 45 dB
	Amplitude ripple in passband	< 0.2 dB
	Video performance for filters of 5.0 MHz (4.5 MHz for 525 line) and above.	
	Pulse and bar: K - rating	< 0.5 %
	Luminance/Chrominance Gain inequality (20T)	< 1.5 %
	Luminance/Chrominance Delay inequality	< 5 ns
	Aqueous Washable	No
	Package	*DR00020B*

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PACKAGE DETAIL





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