

4X FSC NTSC PRE FILTER

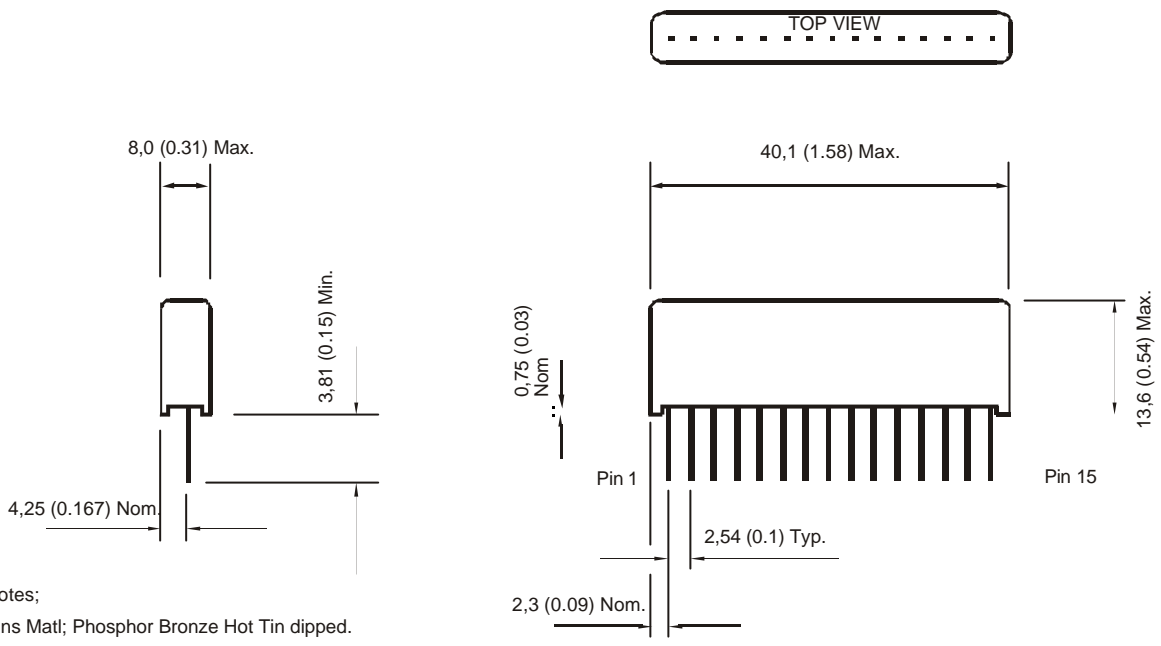
FSC4NF

<i>Filter Shape</i>	Low pass
<i>Passband Shape</i>	Flat
<i>Sampling Frequency</i>	14.32 MHz
<i>Insertion Loss at 100 kHz</i>	<1.0 dB
<i>End Of Passband</i>	4.5 MHz
<i>Passband Amplitude Ripple</i>	<0.1 dB to 3.6 MHz <0.2 dB to 4.5 MHz
<i>Loss wrt 100 kHz @ ½ S.F.</i>	>12 dB
<i>Start Of Stopband</i>	9.82 MHz
<i>Stopband Attenuation wrt 100 kHz</i>	> 40 dB
<i>Attenuation @ 14.32 MHz</i>	> 55 dB
<i>Stopband Measured To</i>	100 MHz
<i>Group Delay Ripple</i>	< 10 ns
<i>Group Delay Bandwidth</i>	4.0 MHz
<i>Delay Time at 200 kHz</i>	203 ns
<i>Luminance / Chrominance Gain</i>	<2%
<i>Luminance / Chrominance Delay</i>	< 5 ns
<i>Impedance</i>	75 ohms
<i>Temperature Range</i>	0°C to 70°C
<i>Aqueous Washable</i>	Yes
<i>Package</i>	DR00008B

PACKAGE DETAIL



All dimensions in millimetres (inches). Gen Tolerance $\pm 0,05$ (0.002) unless otherwise stated. DO NOT SCALE © Faraday Technology Ltd Croft Road Newcastle-U-Lyme ST5 0QZ England Tel (044) 01782 661501 Fax 630101



Notes;
 Pins Matl; Phosphor Bronze Hot Tin dipped.
 Pins Size; 0,51 (0.02) x 0,25 (0.01)
 Pin Assignments; Pins 1 & 15 = Input/Output.
 Pins 2 to 14 incl = Gnd.

Template: DT00008



FARADAY TECHNOLOGY LIMITED

Change Note No:	Drawn: B A Knapper	Auth: P Dutton	Title: FILTER ASSY	Drg No: DR00008B
511	Date: 09/10/98	Date: 09/10/98		