SELECTABLE WIDEBAND

DELAY LINE MODULE

SCD075A32

The SCD075A32 delay line is a passive, low cost selectable delay module designed to work in the unbalanced signal path prior to - or after - converting to or from balanced signal driving.

With long runs of balanced, twisted pair cable to remote VGA monitors, delay skew can become significant between the R, G and B signals resulting in an irritatingly poor display.

With one module[1] connected in each of the R, G and B signal paths the delay at the monitor end can be equalized to within a few nanoseconds resulting in an obvious improvement to the final picture quality. The module consists of 5 individually selectable delay sections of 16, 8, 4, 2 and 1 ns which, with a suitable switching arrangement, can be cascaded in any combination to accurately set a required delay.

? 32ns delay correction to over 100MHz bandwidth
? For use with Cat **5**, **6** or **7** cable
? Can eliminate delay skew
? Designed for KVM systems distributing RGB video
? Adjustable to 1ns resolution

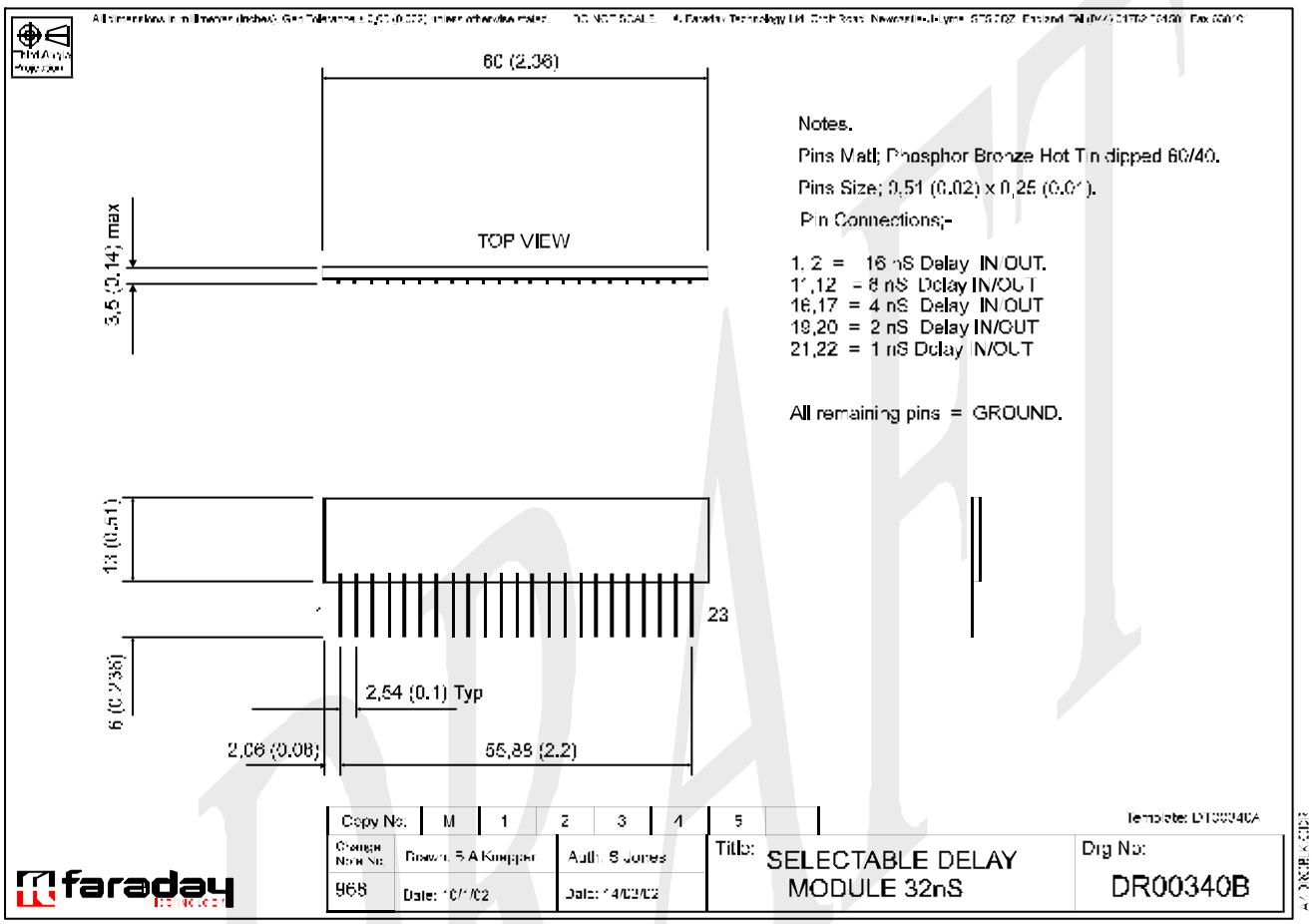
Performance Specification

Impedance IN/OUT	75 ohms
3dB bandwidth	100MHz
Delay sections available (ns)	16, 8, 4, 2, 1
Insertion Loss @100kHz (all sections cascaded)	0.5dB
Delay ripple to 100MHz (all sections cascaded)	7ns
Delay tolerance between modules (all sections cascaded)	2ns
Package	DR00340B

[1] providing that the maximum delay skew is less than 32ns

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PACKAGE DETAIL



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