



High Speed X-Nor PIN Driver

Size: .290 by .230 max

Notes:

- 1) Ground one input to cause output to be inverting. Allow one input to float hi or tie to +5V to make output noninverting.
- 2) Switching speed into 1N914 load is 10 nsec typical.
- 3) Unit contains internal .01 bypass caps on supplies.
- 4) Output provides current spikes. Output current is in accordance with Impellimax part numbering system.
- 5) VEE can be in the range of -2 to -12V ("A" voltage code) or -2 to -15V ("B" voltage code). Operation at -5V is recommended for best reliability and performance.
- 6) Unit is reverse bias protected. +5V supply connection is made to the top (anode) of a large-area schottky diode.
- 7) Logic inputs connect to F-series logic gate through a series current-limiting resistor. Logic inputs float to Logic 1 condition when left unconnected.

Tolerances Except as Noted .x = +/- .05 .xx = +/- .01 .xxx = +/- .005 Dimensions in inches	Revisions			<u>Impellimax</u>		
				OUTLINE		
Information herein is believed accurate. Suitability not guaranteed.				Drawn By:	Date:	Sheet 1 of 1
				P.C.	4/26/01	Drawing #
				DRF:	Approved:	MF1-53
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