



**Two Channel High Speed X-Nor PIN Driver**

Size: .230 by .290 max

**Notes:**

- 1) Like-labelled pins are internally connected. Either location can be used for connection, to simplify integration into next higher assembly.
- 2) Inputs are TTL compatible and independent.
- 3) Ground one input of a pair to cause that channel to be inverting. Allow one input to float hi or tie to +5V to make that channel noninverting.
- 4) Switching speed into 1N914 load is 8 nsec typical.
- 5) Unit contains internal .01 bypass caps on supplies. Unit is not reverse bias protected.
- 6) Outputs provide current spikes. Output current is in accordance with Impellimax part numbering system.
- 7) VEE can be in the range of -2 to -15V. Operation at -5V is recommended for best reliability and performance.

Tolerances Except as Noted .x = +/- .05 .xx = +/- .01 .xxx = +/- .005 Dimensions in inches	<b>Revisions</b>				<b><u>Impellimax</u></b>		
	A	2031	5/12/2000	PC	<b>OUTLINE</b>		
Information herein is believed accurate. Suitability not guaranteed.					Drawn By:	Date:	Sheet 1 of 1
					P.C.	3/15/00	Drawing #
					DRF:	Approved:	<b>MF2-52</b>
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