



<p>Tolerances Except as Noted .x = +/- .05 .xx = +/- .01 .xxx = +/- .005 Dimensions in inches</p>	Revisions				<u>Impellimax</u>		
					OUTLINE		
							Sheet 1 of 2
<p>Information herein is believed accurate. Suitability not guaranteed.</p>					Drawn By: P. C.	Date: 3/16/01	<p>Drawing # TF1-50</p>
					DRF: 550	Approved: P. C.	

PIN	CONNECTION	PIN	CONNECTION
1	- V	22	NC
2	Output 1(NI)	21	NC
3	TP 1	20	NC
4	Ground	19	NC
5	Input	18	NC
6	Ground	17	NC
7	NC	16	NC
8	NC	15	NC
9	TP 2	14	NC
10	Output 2(Inv)	13	NC
11	+5V	12	NC

Notes:

- 1) Input is TTL compatible. Logic "0" causes noninverting output to switch negative state, and inverting output switches to positive. Outputs switch states for logic "1" input.
- 2) Unit contains bypass capacitor on +5V supply only. External capacitor (0.1uF to 10 uF) is recommended for best performance.
- 3) Negative nominal supply voltage range for various voltage codes is as follows :
"C" to - 30V "D" to -50V "E" to -100V
- 4) Switching speed is 50 nsec typical (open circuit).
- 5) Output provides current limited positive current, set in accordance with standard part numbering system. Negative outputs are for back bias only.
- 6) Outputs provide current spikes. Testpoints are voltage-source outputs that allow for modification of output current and/or spiking set-up.

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