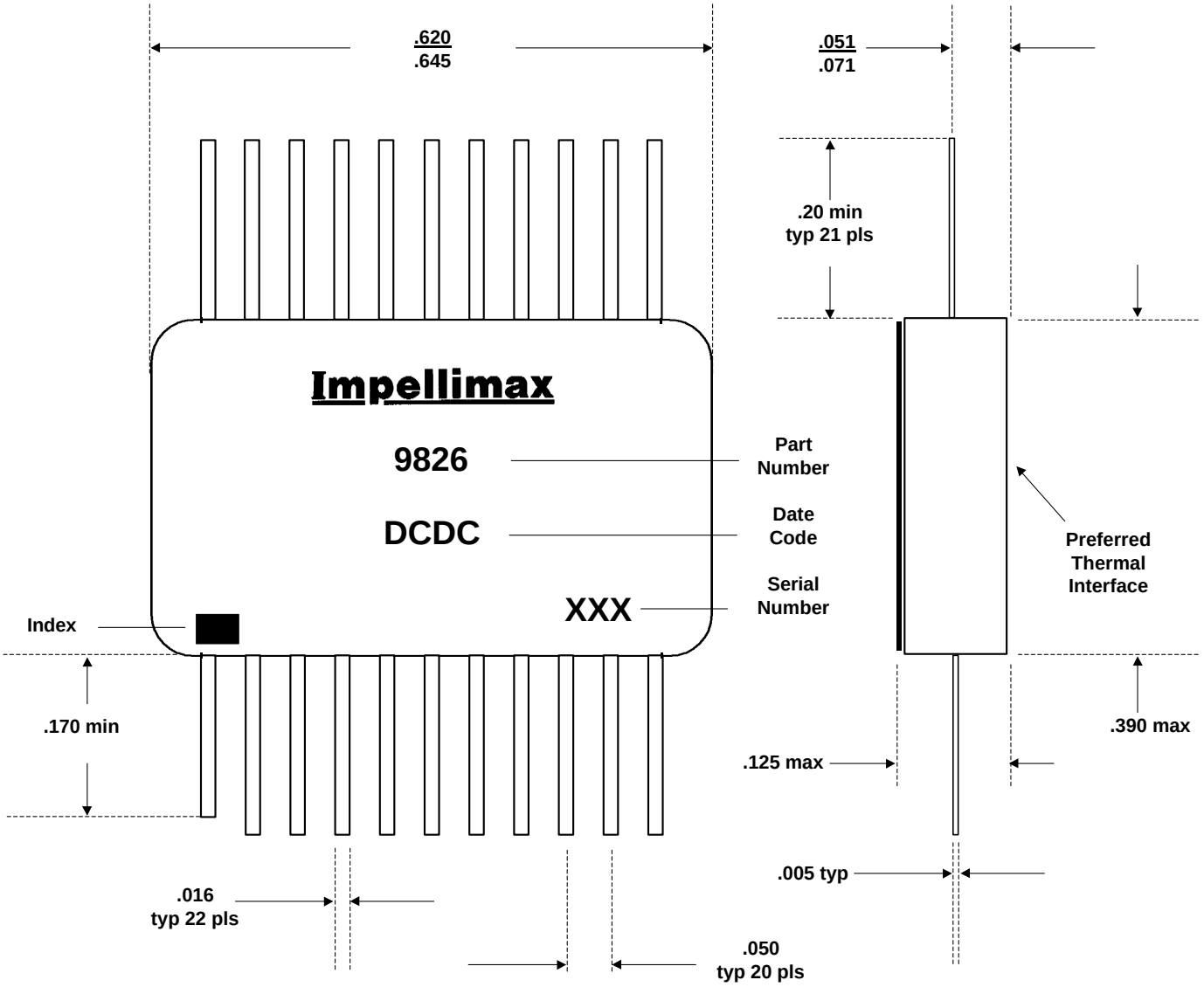

Tolerances Except as Noted .x = +/- .05 .xx = +/- .01 .xxx = +/- .005 Dimensions in inches	Revisions				Impellimax		
	A	ECO 2150	4/11/01	P.C.	OUTLINE		
	B	ECO 2176	7/12/01	P.C.			
							Sheet 1 of 2
Information herein is believed accurate. Suitability not guaranteed.					Drawn By: P. C.	Date: 2/21/01	Drawing #
					DRF: 547	Approved: P. C.	9826-50

PIN	CONNECTION	PIN	CONNECTION
1	+ 5 V	22	TP -
2	NC	21	NC
3	Ground	20	ECL IN - (N input)
4	NC	19	NC
5	Out + (Bias 1)	18	- 5 V
6	NC	17	NC
7	Out - (Bias 2)	16	TP +
8	NC	15	NC
9	NC	14	ECL IN + (P input)
10	NC	13	NC
11	NC	12	Ground

Notes:

1) **Driver accepts differential ECL logic. Input lines are not internally terminated. When ECL IN + (P input) goes positive with respect to ECL IN - (N input) , Bias 1 is negative and Bias 2 is positive.**

2) **Each output provides +25 mA / -.9V nominal output when driving cathode-grounded 1N914 loads in series with 10 ohms (to approximate +1V forward drop). Outputs are current source/sinks and do not provide current spikes during switching.**

3) **Maximum supply current (exclusive of load current) is +/- 35 mA.**

4) **Output is capable of 8 nsec pulses at 10% duty cycle into diode loads as described in note 2, above.**

5) **TP + can be used to adjust the positive output current level of both outputs simultaneously. Connect 220 ohms to + 5V to reduce output current to half, or connect a 2K resistor to ground to increase positive current.**

6) **TP - can be used to adjust the negative pull-down current (dissipated internally) which may affect the speed of load diode turn-off. Connect 220 ohms to - 5V to reduce pull-down current, or connect a 2k resistor to ground to increase the negative pull-down.**

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							Sheet 2 of 2
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