



Two Channel PIN Driver, Moderate Speed, with Mode Control

Substrate Size : .400 inch by .230 inch

- 1) Switching speed is 100 nsec max, 50 nsec typical, into resistive loads.
- 2) Outputs provide +/-30 mA (or +/- 50 mA) nominal when operated at +5/-12V. Negative output current drops to approximately -18mA (or -25 mA) when operated at +/- 5V.
- 3) Unit contains internal .01 uF bypassing on both power supplies. Unit is not reverse bias protected.
- 4) Channels are inverting when mode control is high, and noninverting when mode control is low.
- 5) Backside is bare Alumina. Substrate thickness is .010 inch, overall thickness is less than .060 inch.
- 6) Unloaded quiescent current is +15mA / -10mA max, at +5V / -12V.
- 7) Logic inputs connect to directly to LS-series logic gate. 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>		
	A	ECO 2161	4/27/2001	PC	OUTLINE		
							Sheet 1 of 1
Information herein is believed accurate. Suitability not guaranteed.					Drawn By: P.C.	Date: 4/19/01	Drawing # 9219-51
					DRF: 566	Approved: P.C.	