



Four Output PIN Driver Assembly with on-board -50V Generation and Status Flag

- 1) Switching speed into 1N914 loads is 100 nsec maximum. Outputs are not spiked.
- 2) Unit generates regulated -50V supply from the +15 V power source. Power status flag goes low when the negative supply is less negative than -30V, indicating a problem.
- 3) Both Ground connections should be made for proper operation. Mounting holes are not used as ground connections.
- 4) Channels are TTL compatible, independent and noninverting. Each output delivers +50 mA into a +1V load. Negative output is for reverse bias, 40 uA typical.
- 5) Backside is bare PC board. Overall thickness is less than .225 inch.
- 6) Unit draws less than 300 mA from the +5V supply and less than 100 mA from the + 15V supply, under all conditions.

<p>Tolerances Except as Noted .x = +/- .05 .xx = +/- .01 .xxx = +/- .005 Dimensions in inches</p>	Revisions				<u>Impellimax</u>		
					OUTLINE		
							Sheet 1 of 1
	<p>Information herein is believed accurate. Suitability not guaranteed.</p>				Drawn By: PC		Date: 10/11/99
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