



Leadforming is typically performed using EREM tool # 500-13A with #500-18 jaws.

<p>Tolerances Except as Noted .x = +/- .05 .xx = +/- .01 .xxx = +/- .005 Dimensions in inches</p>	Revisions				<u>Impellimax</u>	
	A	ECO 1994	3/2/2000	PC	OUTLINE	
	B	ECO 2086	10/29/00	PC		
<p>Information herein is believed accurate. Suitability not guaranteed.</p>					Not to scale	Sheet 1 of 2
				Drawn By: PC	Date: 2/11/00	Drawing # 9713-50
				DRF: 433	Approved: PC	

PIN	CONNECTION	PIN	CONNECTION
1	Output 1	22	Input 1
2	Output 2	21	Input 2
3	Output 3	20	Input 3
4	Output 4	19	Input 4
5	Output 5	18	Input 5
6	Output 6	17	Input 6
7	Ground	16	LNA Control Input
8	Ground	15	+ 3.3 V
9	Ground	14	+ 3.3 V
10	-11 V	13	LNA Testpoint 1
11	LNA Output	12	LNA Testpoint 2

Notes:

- 1) Steady-state output current capability of PIN channels is + 30 mA minimum. Output current is set by external resistors. Current spikes are determined by external capacitors in parallel with these resistors. Negative output is for back-bias only.
- 2) PIN channels switching speed is 8 nsec max loaded with a shunt 1N914 diode. Output current for this test is 30 mA nominal.
- 3) LNA channel switching speed is 10 nsec. LNA Testpoints are adjusted with external resistors to ground, typically with 390 ohms on TP 1 and 270 ohms on TP 2. Expected output voltages for the LNA channel are -.54V and -1.5 V.
- 4) Unit contains internal .01uF bypass capacitors on both power supplies.
- 5) PIN Driver channels are independent and inverting. LNA channel logic is TBD.

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