



Package Code 2

Tolerances Except as Noted .x = +/- .05 .xx = +/- .01 .xxx = +/- .005 Dimensions in inches	Revisions				<u>Impellimax</u>	
	A	ECO 2215	12/3/01	P.C.	OUTLINE	
Information herein is believed accurate. Suitability not guaranteed.					Sheet 1 of 2	
				Drawn By: J.P. DRF: NA	Date: 1/18/94 Approved: P. C.	Drawing # 3001-50

PIN	CONNECTION	PIN	CONNECTION
1	GROUND	14	SIDE A
2	NC	13	NC
3	NC	12	NC
4	OUTPUT	11	CENTER
5	NC	10	NC
6	NC	9	NC
7	+5 to +12V	8	SIDE B

Notes:

- 1) Unit provides 5 MHz nominal excitation for electrolytic tilt sensors, between Side A and Side B pins. These pins are capacitively coupled, so no additional DC blocking caps are needed. Center connection connects directly to center element of tilt sensor and is the input to the rectifier/amplifier stage. Keep all leads 3 inches or less. Supply should be stable and capacitively bypassed.
- 2) Output is a current sink, with a compliance range of approximately 33% of the supply voltage. Connect an output load resistor to +V, or use output current sink into op-amp current-to-voltage circuit to provide voltage output. Typical output current range is 0 to 1 mA for +/-90 tilt.

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