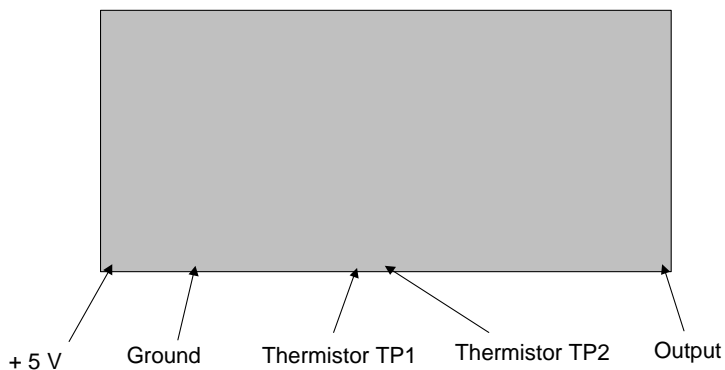


PRELIMINARY



Notes:

- 1) Substrate size is 1" by 1/2" maximum. Overall thickness is less than .2". Backside is bare alumina.
- 2) External 10K thermistor is connected between Thermistor TP1 and TP2. This thermistor is used to sense a temperature between -40C and +85C. The hybrid substrate provides an output voltage to drive a modulator in response to this temperature.
- 3) Unit internally generates a high enough voltage to provide up to +20V output capability. Output loading is approximately 100 kohm.
- 4) Output may exhibit some "staircasing" or quantization error as temperature changes.
- 5) Design goal error voltage is +/- 30 mV over the -40C to +85C temperature range.

Tolerances Except as Noted .x = +/- .05 .xx = +/- .01 .xxx = +/- .005 Dimensions in inches	Revisions				<u>Impellimax</u>	
					OUTLINE	
					Not to Scale	Sheet 1 of 1
Information herein is believed accurate. Suitability not guaranteed.					Drawn By: PC	Date: 4/3/00
					DRF: 450	Approved: PC
					Drawing # 4200-51	