## **Power Drive Controls**

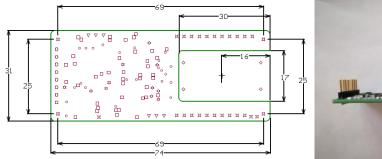
1846 Santo Domingo Camarillo, CA 93012 U. S. A. <u>www.pdcontrol.com</u>

## Laser Heater and TEC Driver Board Model: LHT-74

The driver boards consist of 3 PID close loop circuits to control laser and heater currents as well as laser temperature. It is an ideal solution for Osram OptoPL-530 laser diodes that built with the heater and TEC butterfly type laser sources.

## **Features:**

- 1. Compact size, easy to use with stabilized current and temperature controls
- 2. The laser current can be controller up to 400 mA.
- 3. The heater current can be controlled up to 80 mA for 30 ohm heater.
- 4. The TEC temperature can be set from 20C to 30C.
- 5. Input DC voltage: +5 VDC (+/- 0.5V), 2 Amp.
- 6. The laser current, heater current, and temperature are controlled by 3 on-board potentiometers or external control signals
- 7. Red/Green LED displays Power/TEC temperature Good status.





8. Board Size: 74 x 31 x 15 (mm)