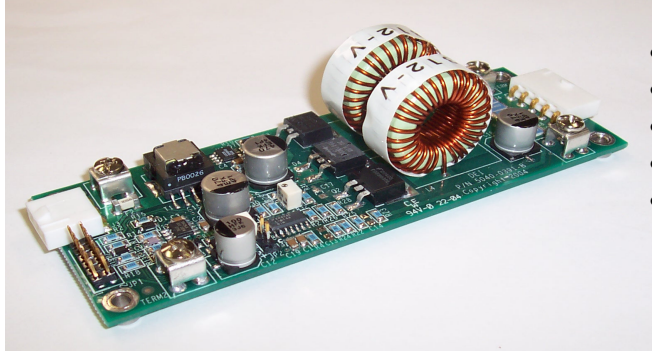


PCO-6511 CW Laser Diode Driver



- Compact Economical OEM Module
- 500mA to 10A CW Output
- 10V Maximum Compliance Voltage
- 100W Maximum Output
- >85% Efficiency At 100W Output
- 15VDC input

Parameter	Value
Amplitude Range	0.5A to 10A*
Diode forward voltage	10V maximum
Ripple Current	<50mA
Vcc Input	12 to 16VDC
Means of adjustment	Board mounted trimpot or external 0 to 4.095V analog voltage program, Jumper selectable**
5.0V Reference output current	5mA maximum
Optional External Set point	0 to 4.095V (remove JP2 jumper to use)
Shutdown	0 to 5.5V
I monitor	4.06V=10A
Crowbar	18V maximum (Hold low for output)
Dimensions (H ↑ W ↑ D)	1.4 ↑ 2.0 ↑ 5.5 inches
Weight	Approximately 0.3 lbs.
Operating Temperature	0°C to 70°C
<i>SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTIFICATION</i>	

* Operation above 8A requires air cooling.

** To operate in external mode remove jumper from JP2