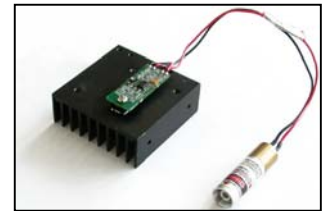




PIL-VI-1064 1-400 mW



Infrared DPSS Laser Modul

Uncooled Infrared diode pumped solid state laser module at 1064nm featuring small size and low cost, for general purpose application.



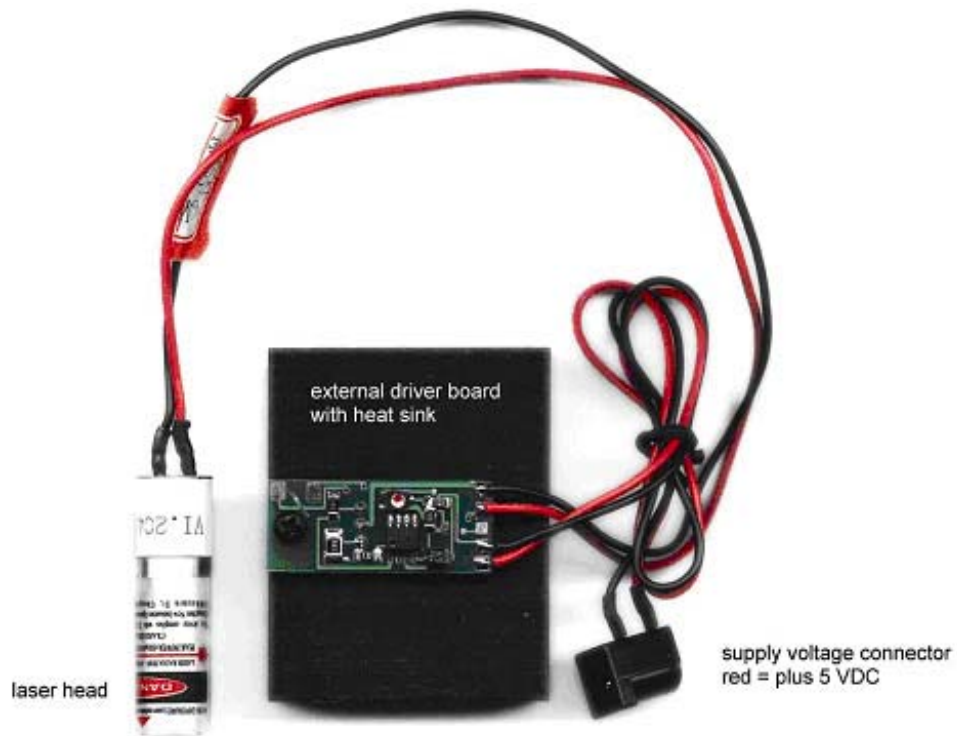
NOTE
LASERMODULE
MUST BE COOLED

Specifications	
Wavelength	1064 ±1 nm
Output Power	1 ...400 mW
Laser Crystal	Nd:YVO ₄
Transverse Mode	TEM ₀₀
Operating Mode	CW
Power Stability (rms, over 4 hours)	< 20%
Warm-up time	< 10 min
Beam Divergence (full angle)	< 1.5 mrad
Beam Diameter (at the aperature)	~ 1.5 mm
Polarization ratio	> 50:1
Supply Voltage	5 VDC
Operating Temperature	20 ...30 °C
Expected Lifetime	10000 hours
Warranty period	6 months





Outline dimensions



laser head: 12 x 40 mm²

driver board: 35 x 15 mm²

heat sink (detachable): 56 x 47 x 12 mm³