

**OEM-N-1064/4000-5000mW**

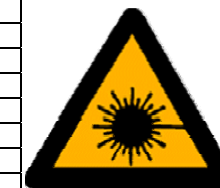
## LD PUMPED ALL-SOLID-STATE INFRARED LASER MODULE CORE

All solid state 1064nm infrared laser module core is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be integrated into customer's equipment.



### SPECIFICATIONS

Wavelength (nm)	1064±1
Output power (mW)	>4000, 4200, 4400, ..., 5000
Transverse mode	Near TEM <sub>00</sub>
Operating mode	CW
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%
Warm-up time (minutes)	<10
M <sup>2</sup> factor	<3.0
Beam divergence, full angle (mrad)	<17
Beam diameter at the aperture (mm)	~1.5
Beam height from base plate (mm)	25.4 without TEC, 27.4 with TEC
Operating temperature (°C)	22.5±/2.5
Operating current of Diode (A)	0-10
Operating voltage of Diode (V)	~2.0
Pins information	5,6,7,8: positive of diode; 12,13,14,15: negative of diode
Power supply (two channels 6 & 12V)	PSU-OEM-N (key switch and emergency stop are available on request)
Modulation option	TTL on/off, 1Hz-1KHz, 1KHz-10KHz, 10KHz-30KHz; and Analog modulation option
Expected lifetime (hours)	5000
Warranty time	The warranty is 3 months, excluding the LD failure.
Dimension(mm)	150(L)×60(W)×44(H) without TEC, 172(L)×70(W)×50(H) with TEC



OEM-N-1064	Dimension ( Without TEC)	Dimension ( With TEC)	Accessories
	 150(L)×60(W)×44(H) without TEC	 172(L)×70(W)×50(H) with TEC	 Collimation system
PSU-OEM-N	Dimension	Power Supply Instruction	
	 170(L)×60(W)×29(H)	 V1: DC 6V 12A V2: DC 12V 8A	