

OEM-H-1064 /1-3000mW

LD PUMPED ALL-SOLID-STATE INFRARED LASER MODULE

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



SPECIFICATIONS

Wavelength (nm)	1064±1	
Output power (mW)	>1, 5, 10, ..., 1500	>2000, 2050, ..., 3000
Transverse mode	TEM ₀₀	Near TEM ₀₀
Operating mode	CW	
Power stability (rms, over 4 hours) at 25°C	<1%, <3%, <5%, <10%	
Warm-up time (minutes)	<10	
M ² factor	<1.5	<2.0
Beam divergence, full angle (mrad)	<15	<20
Beam diameter at the aperture (mm)	<1.0	
Beam height from base plate (mm)	20	
Operating temperature (°C)	22.5±/-2.5	
Operating current of Diode (A)	0-5.5	
Operating voltage of Diode (V)	~2.0	
Pins information	1. positive of diode; 3. negative of diode	
Power supply (6VDC)	PSU-OEM (optional)	
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.	



Note: The power supply needs to be with the over current protection function.

OEM-H-1064	PSU-OEM	Accessories
<p>85(L)×32(W) ×31(H) mm³, 0.245 kg</p>	<p>74(L)×62(W) ×28(H) mm³, 0.15 kg</p>	<p>Collimation system</p>