

OEM-H-473/1-200mW

LD PUMPED ALL-SOLID-STATE  
BLUE LASER AT 473NM

All solid state 473 nm blue laser is made features of ultra compact, long lifetime, low cost and easy operating. It's easy to be installed in customer's equipment.


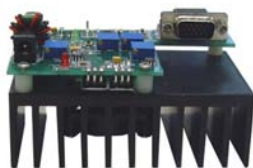
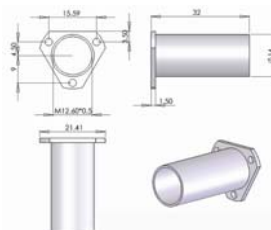


SPECIFICATIONS

Wavelength (nm)	473±1
Output power (mW)	>1, 10, 20, ... ,200
Transverse mode	TEM <sub>00</sub>
Operating mode	CW
Power stability (rms, over 4 hours) at 25°C	<3%, <5%, <10%
Warm-up time (minutes)	<10
M <sup>2</sup> factor	<1.2
Beam divergence, full angle (mrad)	<10
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)	0-2.5
Operating voltage of Diode (V)	~2.0
Pins information	7,8: positive of diode; 3: negative of diode
Power supply (5VDC)	PSU-III-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-473	PSU-III-OEM	Accessories
 <p>85(L)×32(W)×31(H) mm<sup>3</sup>, 0.245 kg</p>	 <p>100 (L) ×62(W) ×56 (H) mm<sup>3</sup>, 0.2kg</p>	 <p>Collimation system</p>
