Opto Engine LLC

Data sheet

Rev. 1012

OEM-H-532/1-450mW

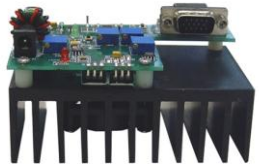
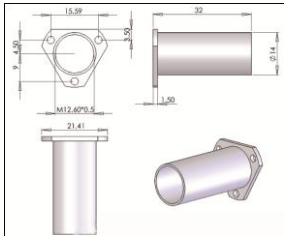
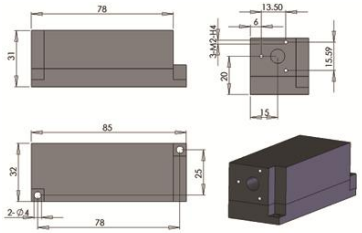
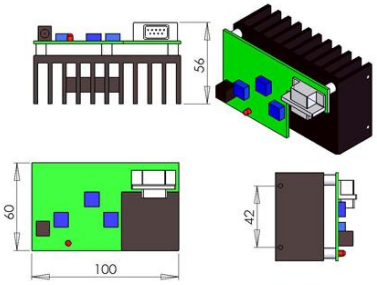
LD PUMPED ALL-SOLID-STATE GREEN LASER

All solid state 532 nm green 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)	532±1
Output power (mW)	>1, 5, 10, …, 450
Transverse mode	TEM_{00}
Operating mode	CW
Power stability (rms, over 4 hours) at 25℃	<1%, <3%, <5%, <10%
Warm-up time (minutes)	<15
M^2 factor	<1.2
Beam divergence, full angle (mrad)	<15
Beam diameter at the aperture (mm)	<1.0
Beam height from base plate (mm)	20
Operating temperature (℃)	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）
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-532	PSU-III-OEM	Accessories
85(L)×32(W) ×31(H) mm^3, 0.245 kg	 **100 (L) ×60(W) ×56 (H) mm^3, 0.2kg**	 Collimation system
		

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