

PGL-VI-532



PGL-VI-532 is made features of wide temperature operating (without TEC), high reliability, and low cost, which made it be used widely in orientation, alignment and measurement, etc.

SYSTEM SPECIFICATIONS*

Wavelength	nm	532
Wavelength tolerance	nm	±1
Output power	mW	1-80
Operating mode		CW
Transverse mode		TEM ₀₀
Beam diameter at the aperture(1/e ²)	mm	~1.5
Beam divergence, full angle	mrad	<1.5
Expected lifetime	hours	10,000
Warranty	months	6

Smaller size S-GDL module is available.

ELECTRICAL SPECIFICATIONS

Operating voltage(internal PCB)	3VDC
Operating voltage(external1 PCB)	3VDC
Operating voltage(external2 PCB)	5VDC
Connection	Cable with flying leads

ENVIRONMENTAL CONDITIONS

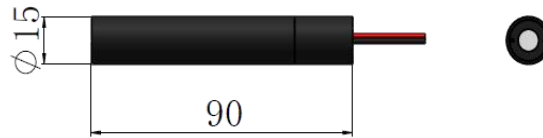
Operating temperature	10°C to 35°C
Storage temperature	-20°C to 80°C
Humidity	<90%, non-condensing
Dissipated heat	<3W

MECHANICAL SPECIFICATIONS

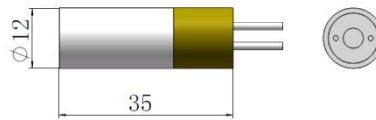
Dimensions of PGL-VI-532	Φ15×90mm ²
Dimensions of PGL-VI-1-532	Φ12×35mm ²
Dimensions of PGL-VI-2-532	Φ12×32mm ²
Material	Aluminum/Copper
Shell polarity	The housing of PGL-VI-532 has non-polarity; PGL-VI-1-532 and PGL-VI-2-532 has a positive electrode.

*All testing data under the conditions of temperature 25°C.

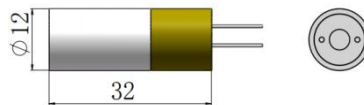
Dimensions of PGL-VI-532(Internal PCB, $\Phi 15 \times 90 \text{mm}^2$, 3VDC)



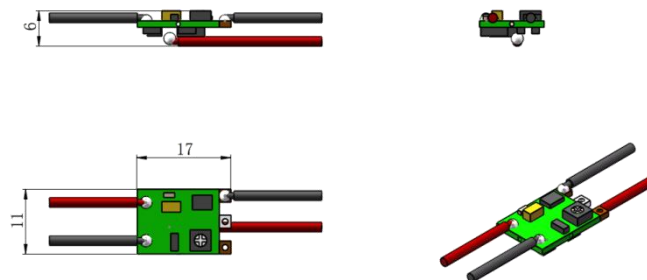
Dimensions of laser (external PCB, PGL-VI-1-532 < 80mW, $\Phi 12 \times 35 \text{mm}^2$)



Dimensions of laser (external PCB, PGL-VI-2-532 < 15mW, $\Phi 12 \times 32 \text{mm}^2$)



Dimensions of external PCB1(11×17mm², 3VDC)



Dimensions of external PCB2(15×35mm², 5VDC)

