

Opto Engine LLC

Data sheet

Rev. 0912

PGL-VI-532/1~150mW

LASER MODULE AT 532nm

PGL-VI-532 is made features of wide temperature operating (no TEC), high reliability, and low cost, which is widely used in orientation, alignment and measurement, etc.



SPECIFICATIONS

Wavelength (nm)	532±1	
Output power (mW)	>1, 10, 20, ... ,150	
Transverse mode	TEM ₀₀	
Operating mode	CW	
Beam divergence, full angle (mrad)	<1.5	
Beam diameter at the aperture (mm)	~1.5	
Power stability (rms)	<10% , over 4 hours at constant temperature after warm up	
	<20% , over operating temperature range	
Warm-up time (minutes)	<10	
Operating temperature (°C)	15~30	
Power supply	3V PCB	5VPCB
TTL modulation	Optional, 2kHz or higher (others on request, up to 10kHz)	
Warranty period	6 months	
Remark	If smaller size is needed, S-GDL is available.	



PGL-VI -532	3VPCB			5VPCB
	<p>17(L) ×11(W) mm²</p>	<p>17(L) ×11(W) mm²</p>	<p>17(L) ×11(W) mm²</p>	<p>35(L) ×15(W) mm²</p>