



S-GDL-532/1~80mW

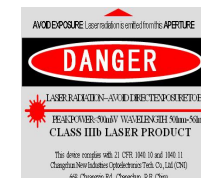
## SMALLEST GREEN DIODE LASER

S-GDL 532nm is the smallest green laser module in the world, it made features of ultra compact and low cost, which can be widely used in laser module assembling, laser scanning, laser alignment, aiming, surveying equipments and laser display, etc.



### SPECIFICATIONS

Wavelength (nm)	532±1				
Output power (mW)	>1	>5	>20	>50	>80
Transverse mode	TEM <sub>00</sub>				
Operating mode	CW				
M <sup>2</sup> factor	<1.2				
Beam diameter at the aperture (1/e <sup>2</sup> , mm)	~0.2				
Beam divergence, full angle (mrad)	<10				
Beam roundness	>85%				
Beam alignment tolerance	Position (Δr)	<0.2mm			
	Angle (mrad)	<10mrad			
LD operating voltage (v)	<2.0				
LD operating current (mA)	400	400	500	600	600
Operating lifetime (hours)	5000				
Residual IR	<0.2%				
Operating temperature (°C)	10~35				
Operating humidity	5%~95%				
Storage temperature (°C)	-40~85				
Package size (mm)	φ 12×13				
Warranty	6 months				
Remark	If smaller divergence is needed, PGL-VI is available.				
<b>Note: The shell is positive electrodes.</b>					



S-GDL-532	Dimensions	3VPCB	5VPCB
<p>φ12×15(L) mm<sup>3</sup></p>		<p>17(L) × 11(W) mm<sup>2</sup></p>	<p>35(L) × 15(W) mm<sup>2</sup></p>