

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				
Operating mode		CW				
Output power (mW)		>1	>5	>20	>50	>80
Transverse mode		TEM <sub>00</sub>				
power stability (rms)		<10% , over 4 hours at constant temperature after warm up				
		<20%, over operating temperature range				
M <sup>2</sup> factor		<1.2				
Beam divergence, full angle (mrad)		<15				
Beam roundness		>85%				
Beam alignment tolerance	Position (Δ r)	<0.3mm				
	Angle (mrad)	<15mrad				
LD operating voltage (v)		<2.0				
LD operating current (mA)		400	400	500	600	600
Residual IR		<0.2%				
Operating temperature (°C)		15~30				
Operating humidity		5%~95%				
Storage temperature (°C)		-40~85				
Operating lifetime (hours)		5000				
Warranty		6 months				
Remark		If smaller divergence is needed, PGL-VI is available.				



S-GDL-532	Dimensions	3VPCB			5VPCB
<p>φ12×14(L) mm<sup>2</sup></p>		<p>17(L) ×11(W) mm<sup>2</sup></p>	<p>17(L) ×11(W) mm<sup>2</sup></p>	<p>17(L) ×11(W) mm<sup>2</sup></p>	<p>35(L) ×15(W) mm<sup>2</sup></p>