



S-GDL-532/1~80mW

**SMALLEST
GREEN DIODE LASER**


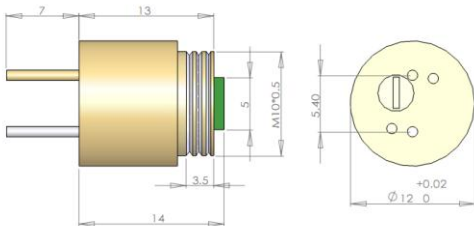




S-GDL 532nm is the smallest green laser module in the world ,it made features of ultra compact and low cost, which can be widely used in laser module assembling, laser scanning, laser alignment , aiming, surveying equipments and laser display ,etc.



SPECIFICATIONS

| | | | | | |
|------------------------------------|---|-----|-----|-----|-----|
| Wavelength (nm) | 532±1 | | | | |
| Operating mode | CW | | | | |
| Output power (mW) | >1 | >5 | >20 | >50 | >80 |
| Transverse mode | TEM ₀₀ | | | | |
| power stability (rms) | <10% , over 4 hours at constant temperature after warm up | | | | |
| | <20%, over operating temperature range | | | | |
| M ² factor | <1.2 | | | | |
| Beam divergence, full angle (mrad) | <15 | | | | |
| Beam roundness | >85% | | | | |
| 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 |
|--|--|---|---|---|---|
|  φ12×14(L) mm ² |  |  17(L) ×11(W) mm ² |  17(L) ×11(W) mm ² |  17(L) ×11(W) mm ² |  35(L) ×15(W) mm ² |