

### PGL-H-635/1-500mW

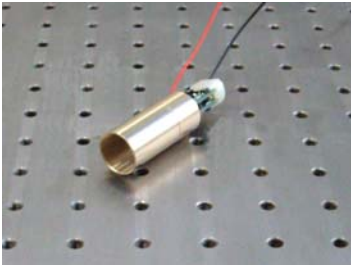
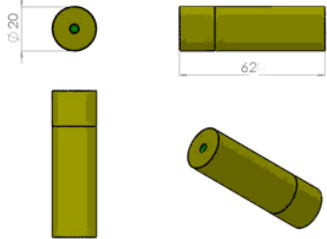


### HIGH POWER LASER MODULE AT 635nm

Diode red laser 635nm is made features of ultra compact, long lifetime, low cost and easy operating, which is widely used in measurement, spectrum analysis, laser lighting show, etc.

#### SPECIFICATIONS

|                                    |                        |                      |
|------------------------------------|------------------------|----------------------|
| Wavelength (nm)                    | 635±3                  |                      |
| Output power (mW)                  | >1.5, 10, ... , 150    | >150, 200, ... , 500 |
| Transverse mode                    | Near TEM <sub>00</sub> | TE <sub>00</sub>     |
| Operating mode                     | CW                     |                      |
| Warm-up time (minutes)             | <5                     |                      |
| Beam divergence, full angle (mrad) | <1                     | <2.5                 |
| Beam diameter at the aperture (mm) | ~3.5                   | ~5×8                 |
| Operating temperature (°C)         | 10~35                  |                      |
| Power supply                       | DC 3V PCB              |                      |
| Expected lifetime (hours)          | 5000                   |                      |
| Warranty                           | 6 months               |                      |



| PGL-H-635   | Dimensions  | DC 3VPCB   |   |
|---|---|--|---|
|  <p>Φ20×62(L) mm<sup>3</sup>, 0.3 kg</p> |  |  <p>14×18×6(H) mm<sup>3</sup></p> |  <p>Φ26×15(H) mm<sup>3</sup></p> |