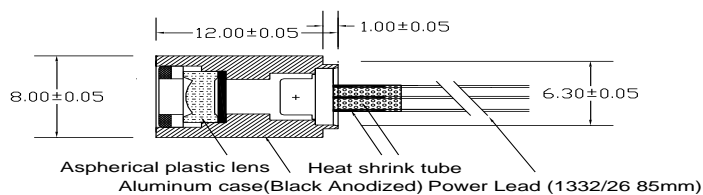


## DIODE LASER MODULE

### SLCQA-Semi-modular without driver



- Auto optical output power control
- Low operating power consumption
- Polarity reverse protected
- Various models available
- Focus distance assigned by customer
- Saving cost diode (T3 type) and high temperature diode is available

#### General Specification -

|                       |                      |
|-----------------------|----------------------|
| Lease Diode           | ADL-65103TL/10mW     |
| Operation Current     | 31~40 mA(Po=10mW)    |
| Operation Voltage     | 2.2~2.5V DC(Po=10mW) |
| Monitor Current       | 0.1~0.4 mA(Po=10mW)  |
| Operation Temperature | -10°C~50°C(Po=10mW)  |
| Wavelength            | 650 ± 10 nm(Po=10mW) |

**Available laser diodes -**

|       | 5mW | 7mW | 10mW | 20mW | 30mW | 40mW | 50mW | 90mW | 100mW up |
|-------|-----|-----|------|------|------|------|------|------|----------|
| 405nm | ●   |     | ●    | ●    |      |      | ●    |      |          |
| 455nm |     |     |      |      |      |      | ●    |      |          |
| 515nm |     |     | ●    | ●    | ●    |      |      |      |          |
| 635nm | ●   | ●   | ●    | ●    | ●    |      |      |      | ●        |
| 650nm | ●   | ●   | ●    | ●    | ●    |      |      |      | ●        |
| 660nm |     |     |      |      |      | ●    |      |      | ●        |
| 670nm |     | ●   | ●    |      |      |      |      |      |          |
| 680nm |     |     |      |      | ●    |      |      |      |          |
| 780nm | ●   |     | ●    | ●    |      |      | ●    |      | ●        |
| 808nm |     |     |      |      |      |      | ●    |      | ●        |
| 830nm |     |     |      |      | ●    | ●    |      |      | ●        |
| 980nm |     |     |      |      |      |      | ●    |      | ●        |

MTTF > 10,000Hrs