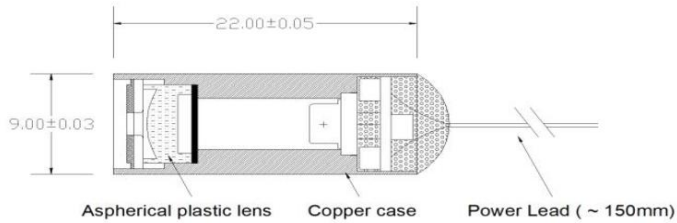


DIODE LASER MODULE

SLCC serial - Round Spot Type/Wire length:4M



Feature -

- Auto optical output power control
- Low operating power consumption
- Polarity reverse protected
- Focus adjustable by user
- High temperature diode is available
- Saving cost diode (T3 type) is available
- Aspheric plastic lens
- Case Material : Copper
- Operation Voltage : 2.7 to 5V DC

General Specification -

Max. Optical output Power

with 1.5mm aperture

with 1.0mm aperture

Optical output power

Operation Voltage

Operation Temperature

Beam Diameter

Beam Divergence

Bore Sighting

Operating Current at 25°C

Optics

Case Material

MTTF (Mean Time To Failure)

~ 70% of max. diode power (w/o front cover)

~ 50% of max. diode power (w/ front cover)

Within range +10 to -10% of customer assigned power

3 to 6V DC

-10 °C ~ 40°C

3mm or 5mm

<1.5mrd

<15mrd

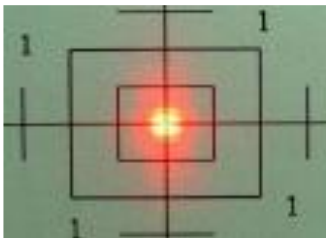
Refer to laser diode

Aspherical plastic Lens

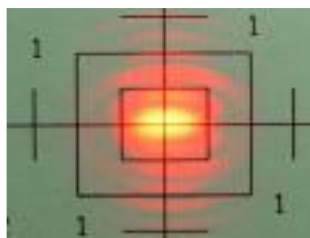
Copper

10000 hrs (for standard type), 3000 hrs (for T3 type)

Spot size at 3 meter (unit : cm)



Spot size at 10 meter (unit : cm)



Available laser diodes -

	5mW	7mW	10mW	20mW	30mW
635nm	●	●	●	●	●
650nm	●	●	●	●	●
670nm		●	●		
680nm					●
780nm	●		●	●	
808nm					
830nm					●
850nm	●				●

MTTF > 10,000Hrs