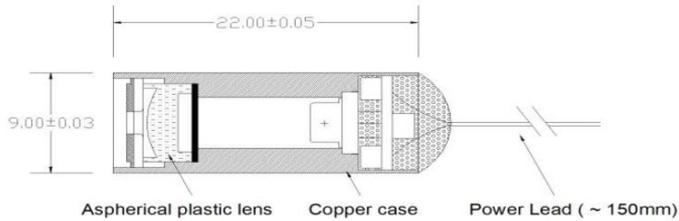


## DIODE LASER MODULE

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



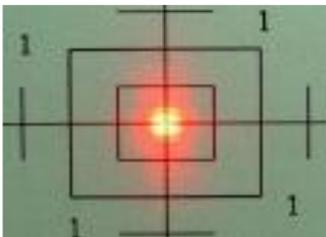
#### Feature -

- 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

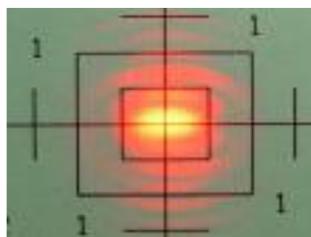
#### General Specification -

Max. Optical output Power	
with 1.5mm aperture	~ 70% of max. diode power (w/o front cover)
with 1.0mm aperture	~ 50% of max. diode power (w/ front cover)
Optical output power	Within range +10 to -10% of customer assigned power
Operation Voltage	3 to 6V DC
Operation Temperature	-10 °C ~ 40°C
Beam Diameter	3mm or 5mm
Beam Divergence	<1.5mrd
Bore Sighting	<15mrd
Operating Current at 25°C	Refer to laser diode
Optics	Aspherical plastic Lens
Case Material	Copper
MTTF (Mean Time To Failure)	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