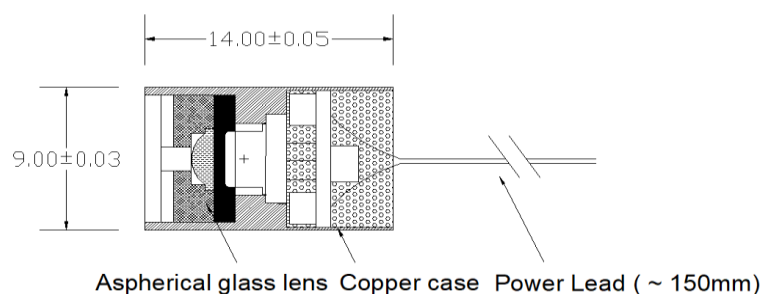


DIODE LASER MODULE

LQG serial - Small (1mm) diameter spot



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
- 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

Optics

Case Material

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

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

(Assigned by customer)

2.7 to 5V DC

-10 °C ~ 40°C

1mm or 1.5mm

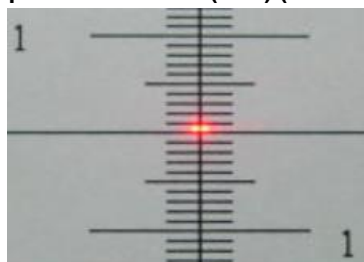
<1.5mrd

<15mrd

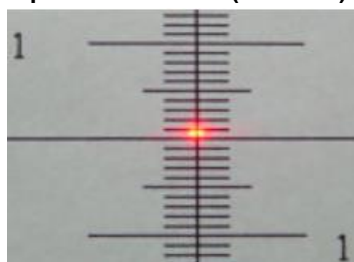
Aspherical Glass Lens

Copper

Spot size at 10 cm (W/C) (unit : cm)



Spot size at 50 cm (unit : cm)



Available laser diodes -

	5mW	7mW	10mW	20mW	30mW	40mW	50mW
405nm	●		●	●			●
455nm							●
515nm			●	●	●		●
635nm	●	●	●	●	●		
650nm	●	●	●	●	●		
660nm						●	
670nm		●	●				
680nm					●		
780nm	●		●	●			●
808nm							●
830nm					●	●	
850nm	●				●		●
980nm							●

MTTF > 10,000Hrs