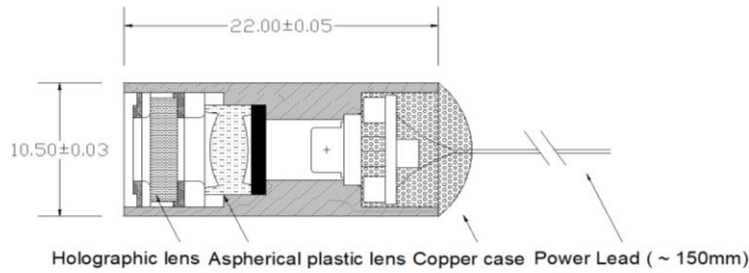


DIODE LASER MODULE

LT serial - With Plastic Line Generator Module



Feature -

- Auto optical output power control
- Low operating power consumption
- Polarity reverse protected
- Focus adjustable by user
- Saving cost diode (T3 type) is available
- Connection optional : leads wire or spring
- Case Material : Copper
- Operation Voltage : 2.7 to 5V DC

General Specification -

Max. Optical output Power	~ 70% of max. diode power
Optical output Power	Within range +0 to -10% of customer assigned power
Wavelength	<i>See available laser diode reference</i>
Diode Power	<i>See available laser diode reference</i>
Operation Voltage	2.7V~5V
Operation Temperature	-10 °C ~ 40°C
Beam Diameter	5mm
Beam Divergence	-
Bore Sighting	-
Operating Current at 25°C	Refer to laser diode (-10 to 40° C for general type)
Collimating lens	Aspheric plastic lens
Case Material	Copper
MTTF (Mean Time To Failure)	10000 hrs (for standard type), 3000 hrs (for T3 type)

General Specification -

	model	pattern	fan angle
Diffractive Optics	CL-01	cross	8 deg.
	CL-02	line	58 deg.
	CL-03	line	20 deg.
	CL-04	line	90 deg.
	CL-05	line	3.5 deg.
	CL-06	line	37 deg.

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