

## Features

- ▶ Typical wavelength, 658nm
- ▶ Stabilized optical power 90mW
- ▶ Single supply voltage, 7~24V DC
- ▶ Wire length : 30cm(standard) or custom
- ▶ Laser class 3B (IEC 60825-1)

◆ Option : Bracket & Power supply.

## Specification

### Optical

|                           |                            |
|---------------------------|----------------------------|
| Optical power(mW)         | 90±5% (@RT)                |
| LD power(mW)              | 120 (Max)                  |
| Peak wavelength(nm)       | 658 ±6                     |
| Focus Beam Dia(mm)        | 0.4x0.3(@3M)               |
| Collimated Beam Dia(mm)   | 3x2(@10M)                  |
| Collimated Beam Div(mrad) | <0.5                       |
| Beam Quality              | TEM00, M <sup>2</sup> <1.5 |
| Beam intensity Pattern    | Gaussian                   |
| LD Pin Connection         | Case Ground                |

### Electrical

|                         |                 |
|-------------------------|-----------------|
| Operating voltage(DC V) | 7~24 ± 5%       |
| Operating current(mA)   | 120 ± 5% (Typ.) |
| Drive circuit           | ACC             |
| Operating Temp.(°C)     | -10 ~ +60       |
| Storage Temp.(°C)       | -40 ~ +100      |

### Mechanical

|                       |                    |
|-----------------------|--------------------|
| Weight(g)             | 40 ± 0.5           |
| Dimensions(mm)        | Ø25 * 92           |
| Operating lifetime(h) | About 30,000 (@RT) |
| Housing material      | Aluminum           |

## Application

Applications include a measurement, positioning, lighting, alignment, guidelines, pointing, switching, leveling, and machine vision etc. Useful in a variety of medical, industrial and scientific instrumentation as well as general R&D work.

## Drawings

