

Features

- ▶ Typical wavelength, 690nm
- ▶ Stabilized optical power 25mW
- ▶ Single supply voltage, 5V DC
- ▶ Low power consumption
- ▶ Over current protection
- ▶ Wire length : 30cm(standard) or custom
- ▶ Laser class : III b

◆ **Option : Bracket & Power supply.**

Specification

Optical

Optical power(mW)	25 (Tc=25°C)
LD power(mW)	35 (Max)
Output Efficiency(%)	71
Wavelength(nm)	690 ±10
Focus Beam Dia(mm)	0.2x0.1(at 300mm)
Collimated Beam Dia(mm)	3x2(at 10m)
Collimated Beam Div(mrad)	<0.5
Beam Quality	TEM00, M ² <1.2
Beam intensity Pattern	Gaussian
LD Pin Connection	Case Ground

Electrical

Operating voltage(DC V)	5
Operating current(mA)	110(Max)
Operating Temp.(°C)	-10 ~ +40
Storage Temp.(°C)	-40 ~ +85

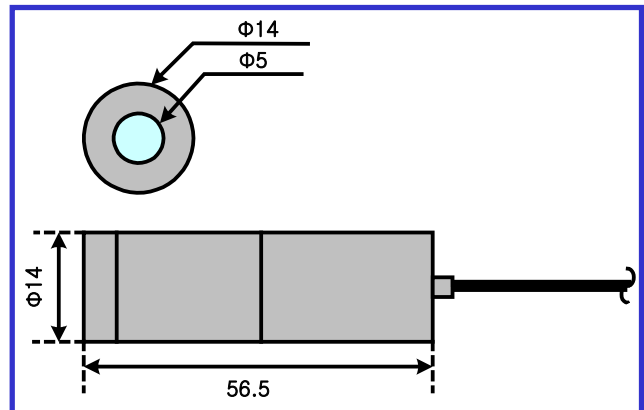
Mechanical

Weight(g)	22 ± 0.5
Dimensions(mm)	Φ14 X 56.5
Operating lifetime(h)	30,000~50,000(@RT)
Housing material	Aluminum

Description

The MH series laser diode module combines laser diode technology, quality optics, and sophisticated electronics within a slim and light aluminum anodized housing for variety of applications. This series of modules provides a high-brightness elliptical laser beam in a variety of power up to. 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



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