

Features

- ▶ Typical wavelength, 635nm
- ▶ Stabilized optical power 7mW
- ▶ Single supply voltage, 7~24V DC
- ▶ Low power consumption
- ▶ 3 element glass lens
- ▶ Over current protection
- ▶ Wire length : 30cm(standard) or custom
- ▶ Laser class : III b

◆ Option : Bracket & Power supply.

Description

The GH 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. 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.

Specification

Optical

Optical power(mW)	7 (Tc=25 °C)
LD power(mW)	10 (Max)
Wavelength(nm)	635 ± 5
Beam Dia.(mm)	5X2
Beam Div.(mrad)	0.5
Laser class	III b

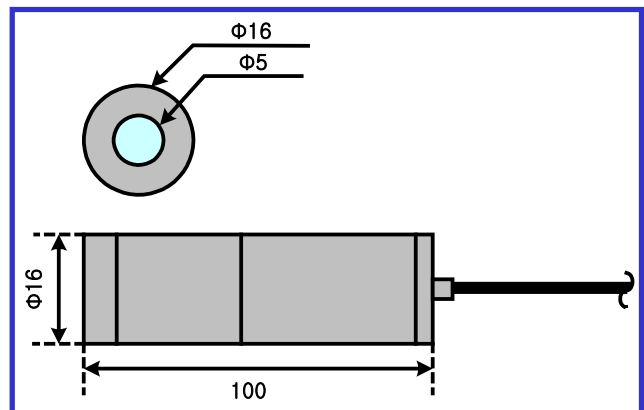
Electrical

Operating voltage(DC V)	7~24 ± 5%
Operating current(mA)	75(Max)
Operating Temp.(°C)	-10 ~ +45
Storage Temp.(°C)	-40 ~ +85

Mechanical

Weight(g)	34 ± 1
Dimensions(mm)	Φ16 X100
Operating lifetime(h)	50,000(@RT)
Housing material	Aluminum

Drawings



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