

Features

- ▶ Typical wavelength, 637nm
 - ▶ Stabilized optical power 1mW
 - ▶ Single supply voltage, 5V DC
 - ▶ Low power consumption
 - ▶ **Built-in waterproof equipment**
 - ▶ Attached deflection lens (-)
 - ▶ Wire length : 30cm(standard) or custom
 - ▶ Laser class : IIa
- ◆ **Option : Bracket & Power supply.**

Description

The NDE 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 elliptical laser beam in variety power and wavelengths. 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)	1 (Tc=25 °C)
LD power(mW)	5(Max)
Wavelength(nm)	637 ±8
Fan angle(°)	45
Beam line width(mm)	< 0.5

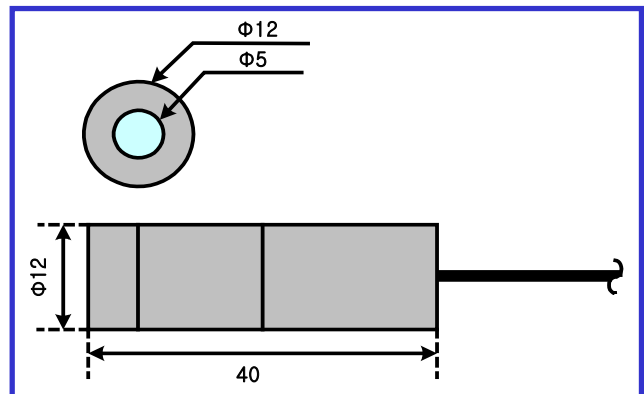
● Electrical

Operating voltage(DC V)	5 ± 5%
Operating current(mA)	60(Max)
Operating Temp.(°C)	-10 ~ +50
Storage Temp.(°C)	-40 ~ +85

● Mechanical

Weight(g)	13 ± 0.5
Dimensions(mm)	12Φ X 40
Operating lifetime(h)	30,000 ~ 50, 000(@RT)
Housing material	Aluminum

Drawings



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