

Features

- ▶ Typical wavelength, 637nm
- ▶ Stabilized optical power 2.5mW
- ▶ Single supply voltage, 5V DC
- ▶ Collimated laser beam
- ▶ Low power consumption
- ▶ Wire length : 30cm(standard) or custom
- ▶ Laser class : IIIa

◆ Option : Bracket & Power supply.

Specification

Optical

Optical power(mW)	2.5 (Tc=25 °C)
LD power(mW)	5(Max)
Wavelength(nm)	637 ± 8
Beam Dia.(mm)	5X2
Beam Div.(mrad)	0.5
Laser class	IIIa

Electrical

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

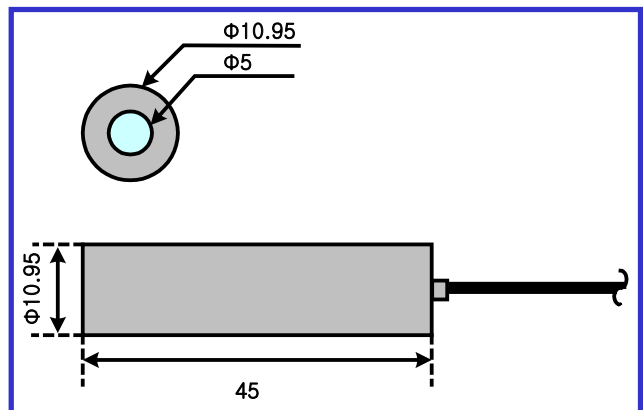
Mechanical

Weight(g)	20 ± 0.5
Dimensions(mm)	Φ10.95 X 45
Operating lifetime(h)	30,000~50,000(@RT)
Housing material	Aluminum

Description

The TG 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 elliptical laser beam in a variety of power and wavelength. 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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