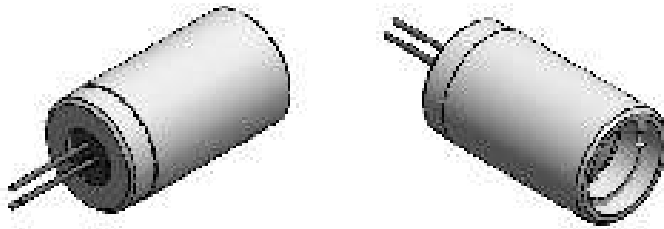


Part No: *COL-XXG-520A*

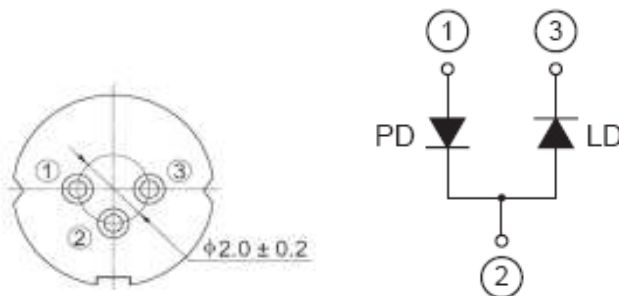


Product Features

- Collimated Beam with Aspherical Glass Lens
- Small Black Anodized Aluminum Package

Applications

- Measurement
- Automation
- Alignment



Operational Hazard-Semiconductor Laser Diode Module:

This laser module emits radiation that is visible/invisible and harmful to human eye. When in use, do not look directly into the laser emitting aperture.

Direct viewing of laser diode emission at close range may cause eye damage.

Collimated laser diode module is sold solely for use in OEM equipments.

The OEM is responsible for compliance with all applicable safety regulations and standards.

Specifications

OPTICAL

Wavelength, nm	520 +/- 5 nm
Optical Power, mW	10, 30 and 50
Polarization orientation	long axis
Laser Stability	N/A
Beam	Elliptical
Beam Spot Size	Adjustable, Collimated 5 mm x 2 mm
Beam Divergence	< 0.8 mrad collimated
Wavelength Drift	0.2 nm/K

ELECTRICAL

Operating Voltage	5.4 V -7 V (depends on power)
Operating Current	Depends on power
Maximum Operating Current	Depends on power
Monitoring PD Current	0.25 mA

MECHANICAL

Dimension	8 mm D x 15 mm L
Operating Temperature	+10°C to +70°C
Storage Temperature	-40°C to +80°C

