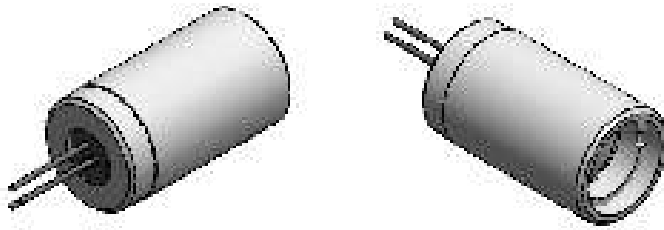


Part No: **COL-70G-785A**

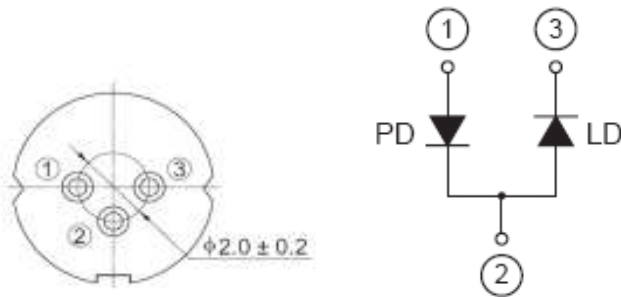


Product Features

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

Applications

- Measurement
- Automation
- Alignment



Specifications

OPTICAL

Wavelength, nm	785 +/- 5 nm
Optical Power, mW	70
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	2.0 V
Operating Current	100 mA
Maximum Operating Current	140 mA
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



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

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