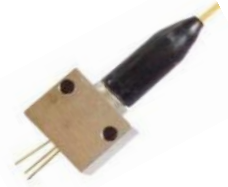


1105 LED Short Wavelength

LD-785-10-CX



785 nm LD, 10 mW, Coaxial Package, SM Fiber

The LD-785-10-CX is a 785 nm laser diode, packaged in compact coaxial housing with SM Fiber fiber pigtail. It features a built-in detector and offers excellent stability and reliability. This product can be used for optical sensing, test and measurement equipment, laser range finder and medical treatment.

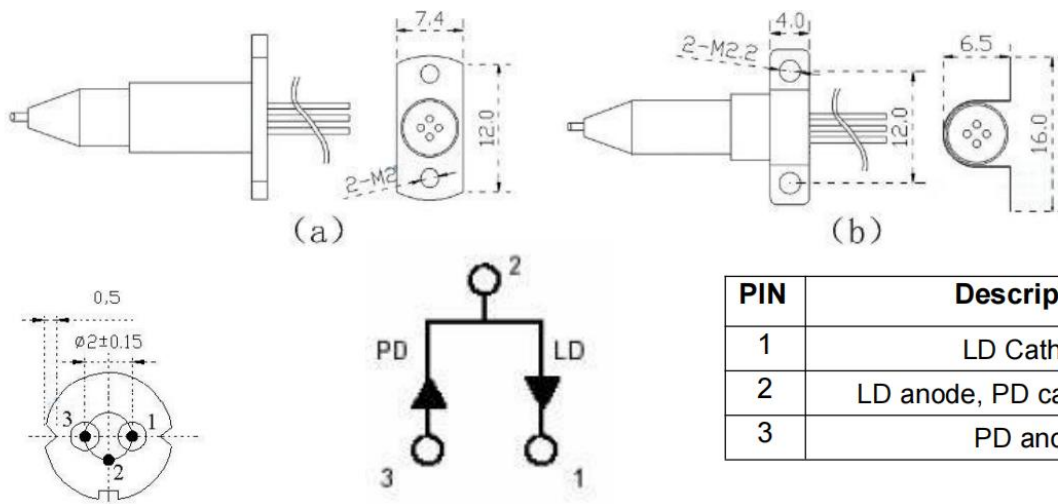
FEATURES

- MQW Fabray Perrot
- 785 nm Wavelength
- 10 mW Output Power
- Low threshold
- Highly Reliable
- Built-in Monitor PD

USE IN

- Laser Range Finder
- Optical Sensing
- Test and Measurement Equipment

MECHANICAL DRAWING



PIN	Description
1	LD Cathode
2	LD anode, PD cathode, Case
3	PD anode

Unit: mm

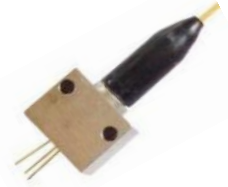
Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.

1105 LED Short Wavelength

LD-785-10-CX



Laser Type	MQW Fabry-Perot LD
CW-Output Power	10 mW typ.
Center Wavelength	785±10 nm
Spectral Width	3.0 nm typ.
Operating Current	40 mA typ.; 60 mA max.
Threshold Current	10 mA typ.; 30 mA max.
Operating Voltage	2.0 V typ.; 2.4 V max.
Monitor Current	2 mA typ.; 3.5 mA max.
Fiber Length	1 m (Standard)
Fiber Type	SM Fiber
Connector	FC/APC (Standard)
Operating Temperature	-10 °C to +60 °C
Storage Temperature	-40 °C to +85 °C

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2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.