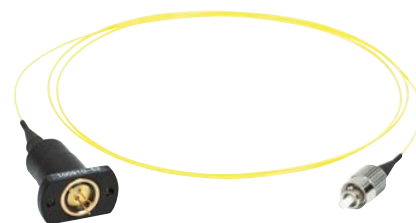


Pigtailed Laser Diode, SMF

LPS-785-FC



Description

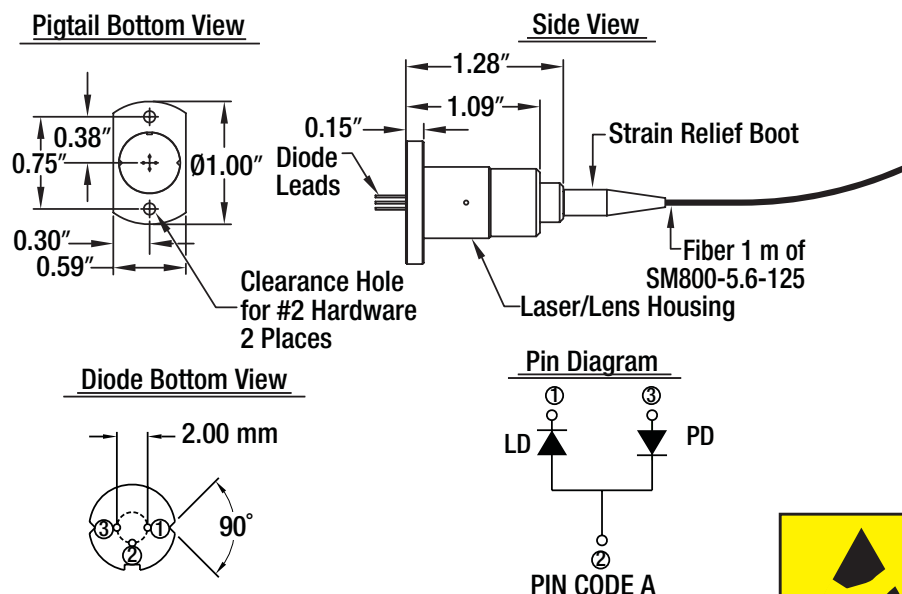
Thorlabs' Single Mode Pigtailed Laser Diodes are standard TO-packaged diodes that have been pigtailed to a 1 m long single mode fiber with an FC/PC connector. We test each pigtail before shipment to customers and a unit-specific spec sheet is included with each pigtail; please use the included spec sheet for optimal operating parameters.

Specifications

Specification	Value
LD Reverse Voltage	2 V
PD Reverse Voltage	30 V
Operating Case Temperature	-10 to 60 °C
Storage Temperature	-20 to 85 °C
Pin Code	5A
Laser Diode	DL4140-001S
Fiber	SM800-5.6-125
Connector	FC/PC

Specification	Min	Typ	Max
Wavelength	776 nm	785 nm	800 nm
Output Power	5.0 mW	6.25 mW	7.5 mW
Threshold Current	-	30 mA	50 mA
Operating Current	-	65 mA	90 mA
Operating Voltage	-	-	-
Slope Efficiency	0.3 mW/mA	0.6 mW/mA	0.8 mW/mA
Monitor Current	0.3 mA	0.8 mA	1.5 mA

Drawings



NOTICE

To avoid equipment damage from electrostatic discharge: Wear ESD wriststrap when handling this device.

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