

Pigtailed Laser Diode, SMF

LP660-SF40

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. Each unit is tested before shipment; please refer to the unit-specific test datasheet for optimal operating parameters.



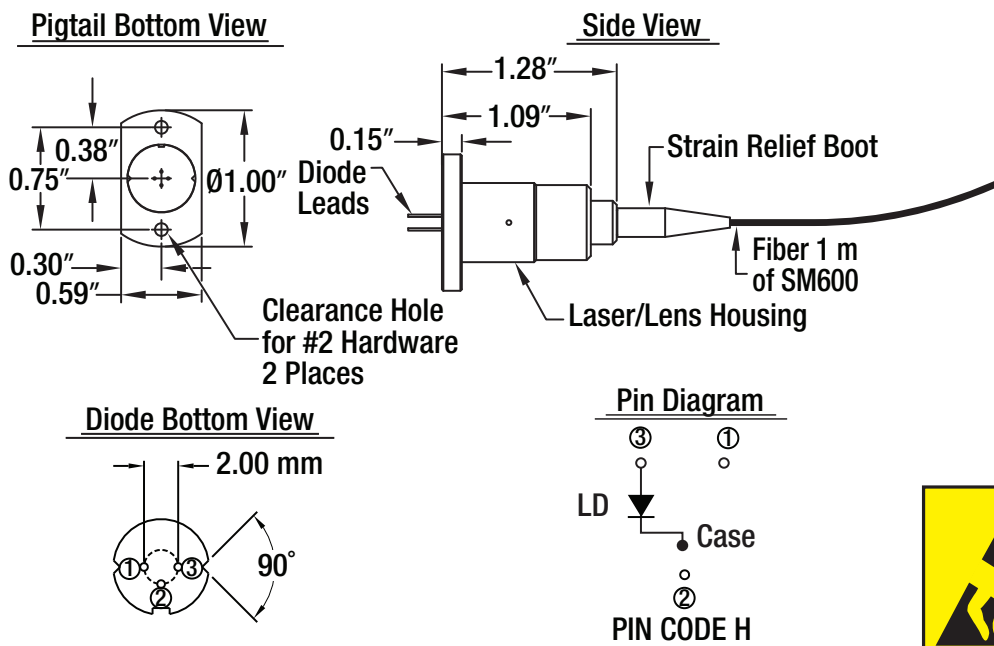
Specifications

Specification	Value
LD Reverse Voltage (Max)	2 V
PD Reverse Voltage (Max)	30 V
Optical Output Power	40.0 mW (Typ.) 45.0 mW (Max.)
Operating Temperature	0 to +50°C
Storage Temperature	-10 to +65°C
Pin Code	5H
Fiber	SM600
Connector	FC/PC

Specification	Min	Typ.	Max
Wavelength	653	658 nm	663 nm
Threshold Current*	-	60 mA	75 mA
Slope Efficiency*	0.35	0.55	-
Operating Current @ P _O = 40 mW*	-	135 mA	170 mA
Operating Voltage @ P _O = 40 mW*	-	2.5 V	3.0 V

*Temperature = 25 °C

Drawings



NOTICE

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

USA, Canada, and South America

Thorlabs, Inc.
435 Route 206
Newton, NJ 07860, USA

Tel: 973-579-7227
Fax: 973-300-3600

Europe

Thorlabs GmbH
85221 Dachau, Germany
Tel: +49-(0)8131-5956-0

Scandinavia

Thorlabs Sweden AB
400 20 Göteborg, Sweden
Tel: +46-31-733-30-00

UK and Ireland

Thorlabs LTD.
Cambridgeshire CB7 4EX, GB
Tel: +44 (0)1353-654440

Japan and Asia

Thorlabs Japan Inc.
Toshima-ku, Tokyo 170-0013, Japan
Tel: +81-3-5979-8889

France

Thorlabs SAS
78600 Maisons-Laffitte, France
Tel: +33 (0) 970 444 844

China

Thorlabs China
Shanghai, China
Tel: +86 (0)21-32513486

