

LPS-1060-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. Each unit is tested before shipment. Please refer to the unit-specific test datasheet for optimal operating parameters.

Specifications

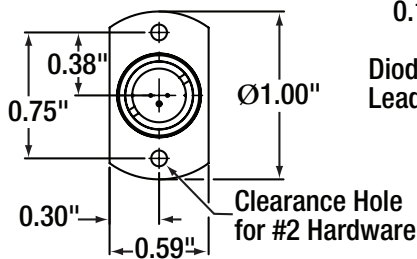
LPS-1060-FC Specifications		
LD Reverse Voltage (Max)	2 V	
PD Reverse Voltage (Max)	20 V	
Optical Output Power	50.0 mW (Typ.)	60.0 mW (Max)
Operating Temperature	0 to 50 °C	
Storage Temperature	-10 to 65 °C	
Pin Code	9A	
Fiber	HI1060	
Connector	FC/PC	

Specifications Continued			
	Min	Typ.	Max
Wavelength	1054 nm	1064 nm	1074 nm
Threshold Current*	-	30 mA	60 mA
Slope Efficiency*	0.20	0.40	-
Operating Current @ P ₀ = 50 mW*	-	150 mA	220 mA
Operating Voltage @ P ₀ = 50 mW*	-	1.4 V	2.0 V
Monitor Current @ P ₀ = 50 mW*	-	0.04 mA	-

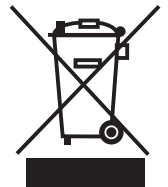
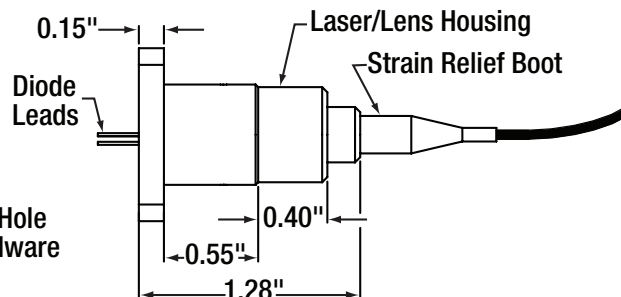
*Temperature = 25 °C

Drawing

Pigtail Bottom View

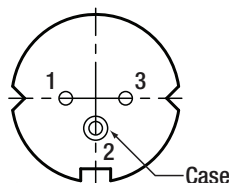


Side View



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

Diode Bottom View



Pin Code A

