



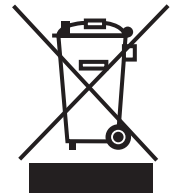
**LP473-SF6**

### 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

LP473-SF6	
LD Reverse Voltage (Max)	5 V
Optical Output Power	6.0 mW (Typ.)   7.0 mW (Max)
Operating Temperature	0 to 50 °C
Storage Temperature	-10 to 65 °C
Pin Code	5B
Fiber	460HP
Connector	FC/PC



LP473-SF6			
	Min	Typical	Max
Wavelength	468 nm	473 nm	478 nm
Threshold Current*	-	50 mA	80 mA
Slope Efficiency*	0.1 W/A	0.25 W/A	-
Operating Current @ P <sub>O</sub> = 6 mW*	-	80 mA	120 mA
Operating Voltage @ P <sub>O</sub> = 6 mW*	-	5.0 V	6.0 V
Monitor Current @ P <sub>O</sub> = 6 mW*	0.1 mA	0.5 mA	0.8 mA

\*Temperature = 25 °C



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

### Drawings

