



LP880-SF3

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

General Specifications		
LD Reverse Voltage (Max)	2 V	
Optical Output Power	3 mW (Typ.)	4 mW (Max)
Operating Temperature	0 to 50 °C	
Storage Temperature	-10 to 65 °C	
Pin Code	5A	
Fiber	SM800-5.6-125	
Connector	FC/PC	

Optical and Electrical Specifications			
	Min	Typ.	Max
Wavelength	870 nm	880 nm	890 nm
Threshold Current*	-	10 mA	20 mA
Slope Efficiency*	0.12	0.20	-
Operating Current @ $P_o = 3 \text{ mW}^*$	-	25 mA	40 mA
Operating Voltage @ $P_o = 3 \text{ mW}^*$	-	2.2 V	2.5 V
Monitor Current @ $P_o = 3 \text{ mW}^*$	-	0.22 mA	-

Temperature = 25 °C

Drawing

