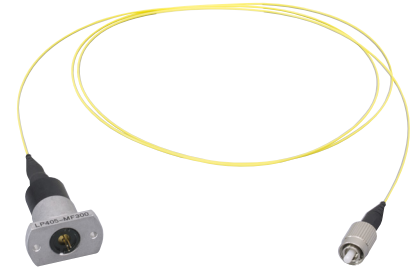


LP405-MF300

Description

Thorlabs' Multimode (MM) Pigtailed Laser Diodes are standard TO-packaged diodes that have been pigtailed to a 1 m long multimode fiber with an FC/PC or SMA905 connector. Each unit is tested before shipment. Please refer to the unit-specific test datasheet for optimal operating parameters.



Specifications

Absolute Maximum Ratings	
Fiber Output Power	320 mW
Operating Temperature	0 to 50 °C
Storage Temperature	-10 to 65 °C

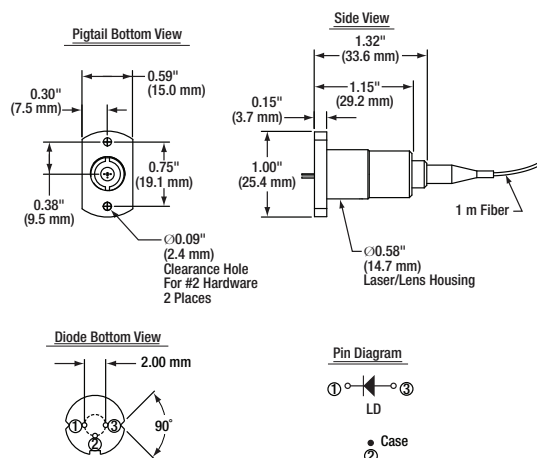
General Specifications	
Pin Code	5G
Fiber	FG050UGA
Connector	FC/PC

LP405-MF300			
	Min	Typical	Max
Wavelength	398 nm	405 nm	410 nm
Threshold Current ^a	50 mA	110 mA	140 mA
Optical Output Power	-	300 mW	320 mW
Slope Efficiency	0.3 W/A	1.2 W/A	-
Operating Current @ P _o = 300 mW ^a	-	350 mA	410 mA
Operating Voltage @ P _o = 300 mW ^a	-	4.5 V	5.0 V

a. Temperature = 25 °C



Drawing



Pin	Description
1	Cathode
2	Case
3	Anode