



LP406-SF20

Description

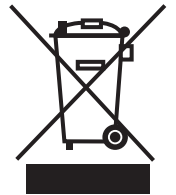
Thorlabs' Single Mode Pigtailed Laser Diodes are standard TO-packaged diodes that have been pigtailed to a 1 m long single mode fiber with an FC/PC connector. Each unit is tested before shipment. Please refer to the unit-specific test datasheet for optimal operating parameters.

Specifications

LP406-SF20	
LD Reverse Voltage (Max)	5 V
Optical Output Power	20 mW (Typ.) 25 mW (Max)
Operating Temperature	0 to 50 °C
Storage Temperature	-10 to 65 °C
Pin Code	5G
Fiber	S405-HP
Connector	FC/PC

LP406-SF20			
	Min	Typical	Max
Wavelength	400 nm	406 nm	410 nm
Threshold Current*	-	30 mA	40 mA
Slope Efficiency	0.20 W/A	0.50 W/A	-
Operating Current @ P _o =20 mW*	-	75 mA	100 mA
Operating Voltage @ P _o =20 mW*	-	4.8 V	6.5 V

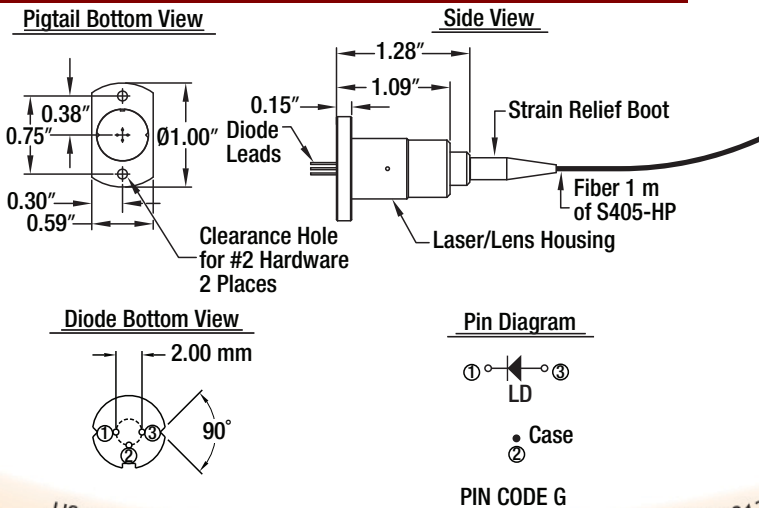
*Temperature = 25 °C



NOTICE

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

Drawing



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 France: +33 (0) 970 444 844 | Scandinavia: +46-31-733-30-00 | Japan & Asia: +81-3-5979-8889 | China: +86 (0)21-60561122