

405nm~410nm 300mW 105um Pigtailed Diode Laser With TEC Cooler | Built-in Photodiode Optional

405nm 300mW | HHL Package| 105um UV Multi-mode Fiber| Violet Diode Laser | Built-in TEC Cooling

WSLX-405-300m-M-H-T

Wavespectrum Laser Group

en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	0 ~ +30	°C
Storage Temperature	T_{stg}	-40 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 405nm
- 105um UV Fiber
- HHL-01 Package
- Built-in TEC Cooling

Applications:

- Medical Laser Treatment
- Others



Specifications

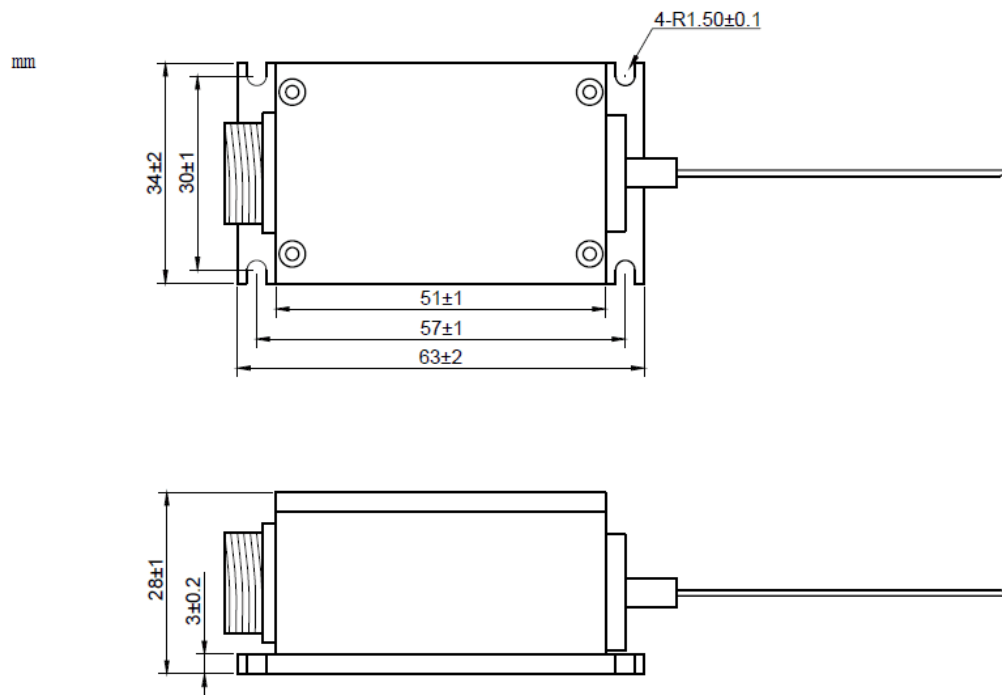
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	Min.	Type	Max.
Center Wavelength@25°C	405nm ± 10nm		
Spectral Width (FWHM)	----	2nm	----
Output Power	----	300mW	----
Recommend Operating Temperature	25 °C		
Threshold Current (Typ.)	----	140mA	200mA
Operating Current (Typ.)	----	360mA	380mA
Operating Voltage	----	4.5V	5.5V
Monitor Current	----	----	----
TEC Max Current	3.5A		
TEC Max Voltage	7.0V		
Thermistor	10K		
Fiber Type	UV Multi-mode Fiber		
Fiber Core	105um		
Fiber Length	>80cm		
Connector Type	FC / SC / SMA905		
Package Style	HHL-01		

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HHL-01 Package View



Wavespectrum offer **Customized 405nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 1W@405nm+10W@980nm)

Contact us with info@wavespectrum-laser.com

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

