

405nm 400mW 9-Pin Package Fiber Coupled Diode Laser With TEC | Violet Laser Diode
400nm~405nm~410nm| 9-Pin BTF Package With 50um UV Fiber |Built-in TEC Cooling | Built-in PD
WSLX-405-400m-50M-H9-T-PD
Wavespectrum Laser Group
en.wavespectrum-laser.com.cn

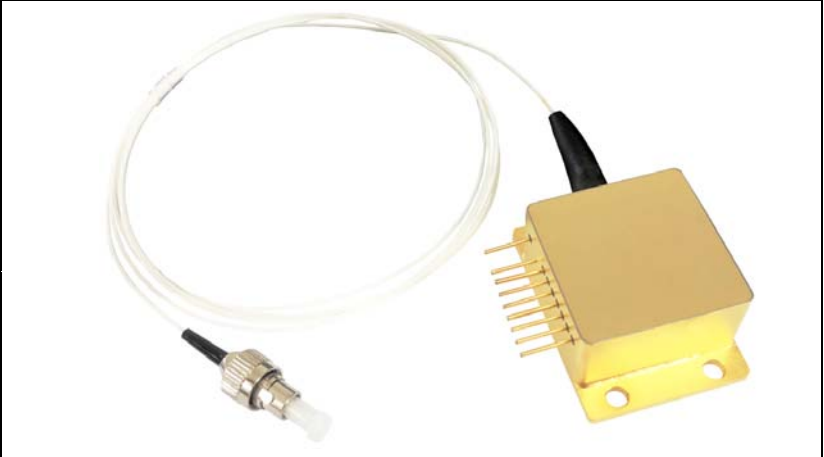
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 405nm
- 400mW Output Power
- Built-in TEC Cooling
- Built-in Photodiode
- High Stability

Applications:

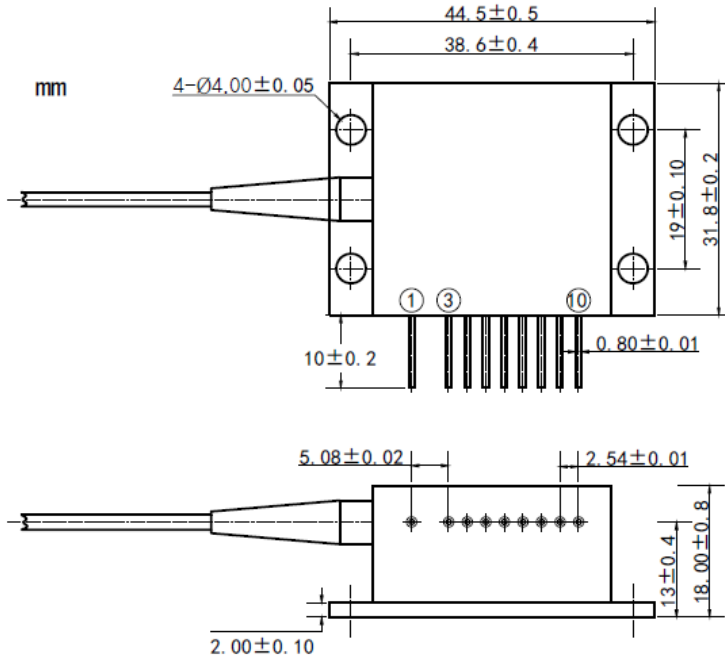
- Medical Laser Treatment
- Others


Specifications
WSLX-405-400m-50M-H9-T-PD

	Min.	Type	Max.
Center Wavelength@25°C	405nm±10nm		
Spectral Width (FWHM)	----	2nm	----
Output Power	----	400mW	----
Recommended Operating Temperature	25 °C		
Threshold Current (Typ.)	----	120mA	200mA
Operating Current (Typ.)	----	420mA	450mA
Operating Voltage	----	4.5V	5.5V
TEC Max Current	6A		
TEC Max Voltage	9.8V		
Fiber Core Diameter	50um		
Fiber Numerical Aperture	0.12		
Fiber Length	>80cm		
Connector Type	SMA905/FC		
Package	9-Pin		



9-PIN HHL Package View



PIN	FUNCTION
1	TEC (-)
2	-
3	CASE
4	LD (+)
5	THERM
6	THERM
7	LD (-)
8	PD (P)
9	PD (N)
10	TEC (+)

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

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 500mW@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.



Wavespectrum Laser Group
www.wavespectrum-laser.com
sales@wavespectrum-laser.com

