

405nm 2W 9-Pin Package Fiber Coupled Diode Laser With TEC | Violet Laser Diode
400nm~405nm~410nm | 9-Pin BTF Package With 105um UV Fiber | Built-in TEC Cooling
WSLX-405-002-M-H9-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}	-20~+80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 405nm
- 2W Output Power
- Built-in TEC Cooling
- High Stability

Applications:

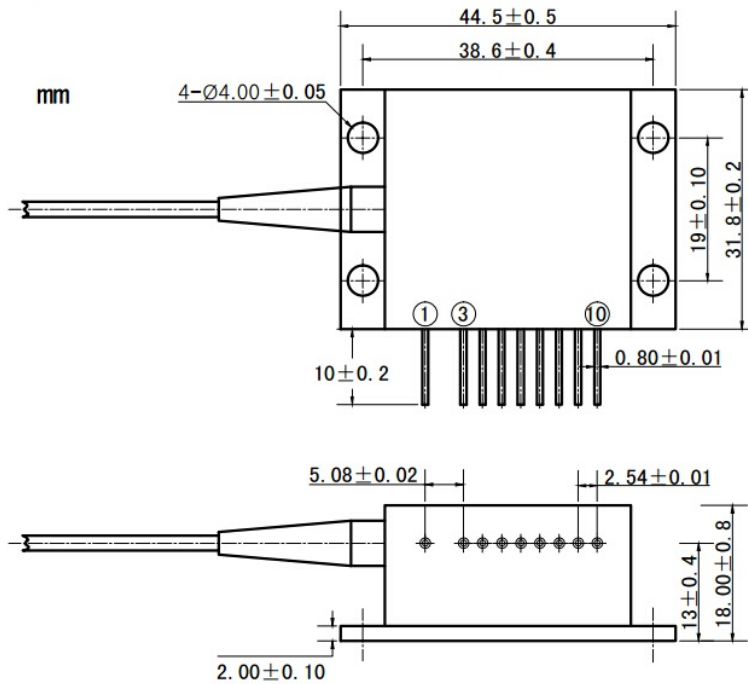
- Medical Laser Treatment
- Others


Specifications
WSLX-405-002-M-H9-T

	Min.	Type	Max.
Center Wavelength@25°C	405nm±10nm		
Spectral Width (FWHM)	----	3nm	----
Output Power	----	2W	----
Recommended Operating Temperature	25 °C		
Threshold Current (Typ.)	----	0.5A	----
Operating Current (Typ.)	----	1.8A	----
Operating Voltage		5.5V	----
TEC Max Current	6A		
TEC Max Voltage	9.8V		
Fiber Type	UV Multi-mode Fiber		
Fiber Core	105um		
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	-
9	-
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.



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