

470nm~473nm 3W HHL Package Fiber Coupled Diode Laser With 105um MM Fiber | Blue Laser Diode

470nm 3W | 9-Pin HHL Package | High Power Laser | TEC Cooling | Built-in PD

WSLX-473-003-M-H9-T-PD

Wavespectrum Laser Group

en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE	UNIT
MAX Reverse Current	I_r	80	mA
Operating Temperature	T_{op}	0 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 473nm
- 3W Output Power
- Built-in TEC Cooling
- Built-in PD
- High Stability

Applications:

- Medical Laser Treatment
- Others



Specifications	WSLX-473-003-M-H9-T-PD		
	Min.	Type	Max.
Center Wavelength@25°C	±5nm	473nm	±10nm
Spectral Width (FWHM)	----	3nm	----
Output Power	----	3W	----
Recommend Operating Temperature	25 °C		
Threshold Current (Typ.)	----	0.4A	0.7A
Operating Current (Typ.)	----	3.2A	3.5A
Operating Voltage		4.5V	5.5V
TEC Max Current	6A		
TEC Max Voltage	9.8V		
Thermistor	10K		
Fiber Core Diameter	105um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	SMA905 / FC		
Package	9-Pin		

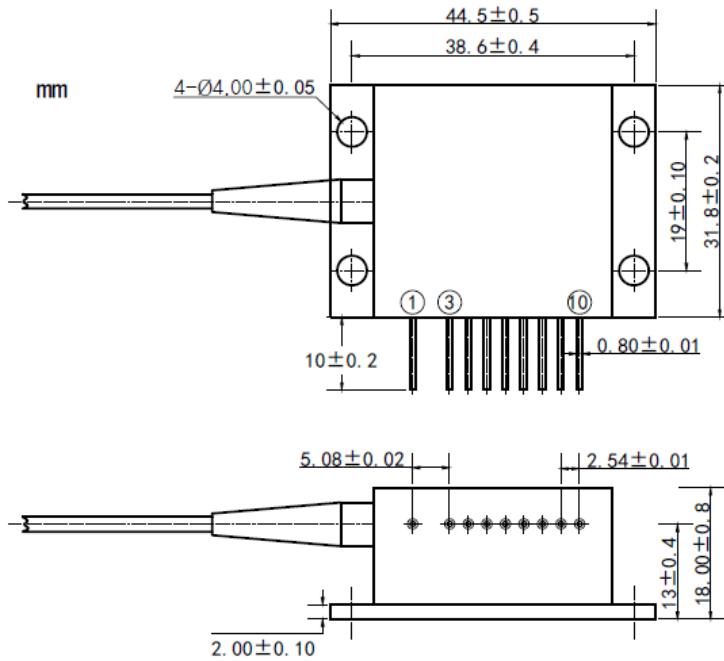
Wavespectrum Laser Group

www.wavespectrum-laser.com

sales@wavespectrum-laser.com



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 473nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 3W@473nm+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

