

**525nm~530nm 1W 9-Pin HHL Package Fiber Coupled Diode Laser With 50um Fiber | Green LD Module**
**525nm| 9-Pin Package Pigtailed Laser Diode Module |Built-in TEC Cooling | Built-in PD**
**WSLX-525-001-50M-H9-T-PD**
**Wavespectrum Laser Group**
**www.wavespectrum-laser.com**

PARAMETER	SYMBOL	VALUE	UNIT
MAX Reverse Current	$I_r$	80	mA
Operating Temperature	$T_{op}$	+10 ~ +30	°C
Storage Temperature	$T_{stg}$	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C

**Features:**

- 525nm
- 50um Multi-mode Fiber
- Built-in TEC Cooling
- Built-in Photodiode
- High Stability

**Applications:**

- Medical Laser Treatment
- Others

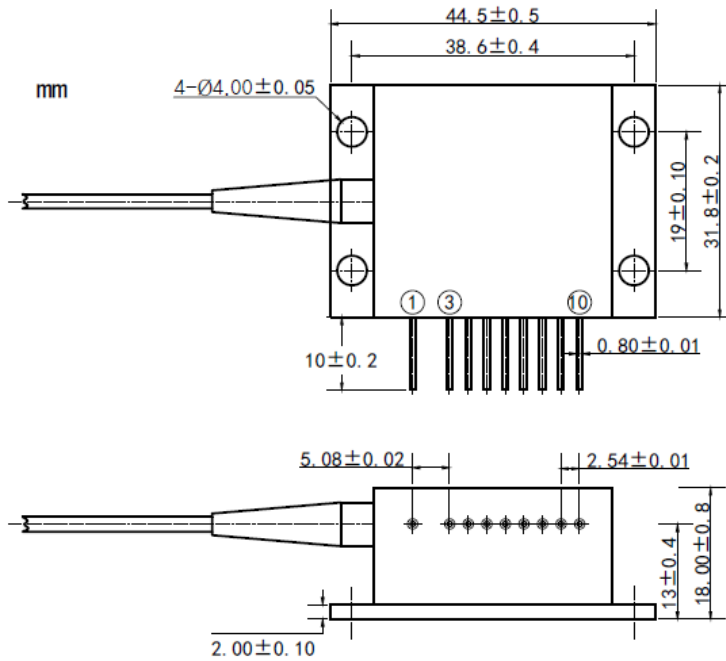


Specifications	WSLX-525-001-50M-H9-T-PD		
	Min.	Type	Max.
Center Wavelength@25°C	525nm±10nm		
Spectral Width (FWHM)	----	3nm	----
Output Power	----	1W	----
Recommended Operating Temperature	25 °C		
Threshold Current (Typ.)	----	0.2A	0.6A
Operating Current (Typ.)	----	2.1A	2.3A
Operating Voltage		5.0V	6.0V
TEC Max Current	6A		
TEC Max Voltage	9.8V		
Thermistor	10K		
Fiber Core	50um		
Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	SMA905/FC		
Package	9-Pin		

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### 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** 525nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- **Dual-Wavelength** or **Tri-Wavelength** Module Optional  
 (such as 2W@525nm+7W@808nm)

Contact us with [info@wavespectrum-laser.com](mailto:info@wavespectrum-laser.com)

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

Suggest using the constant current power supply.



Wavespectrum Laser Group  
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