

520nm~525nm 1.5W 9-Pin HHL Package Fiber Coupled Diode Laser With MM Fiber | High Power Green LD
520nm 1.3W~1.5W| 9-Pin Package Pigtailed Laser Diode Module |Built-in TEC Cooling | Built-in PD
WSLX-520-1500m-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}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 520nm
- Multi-mode Fiber
- Built-in TEC Cooling
- Built-in Photodiode
- High Stability

Applications:

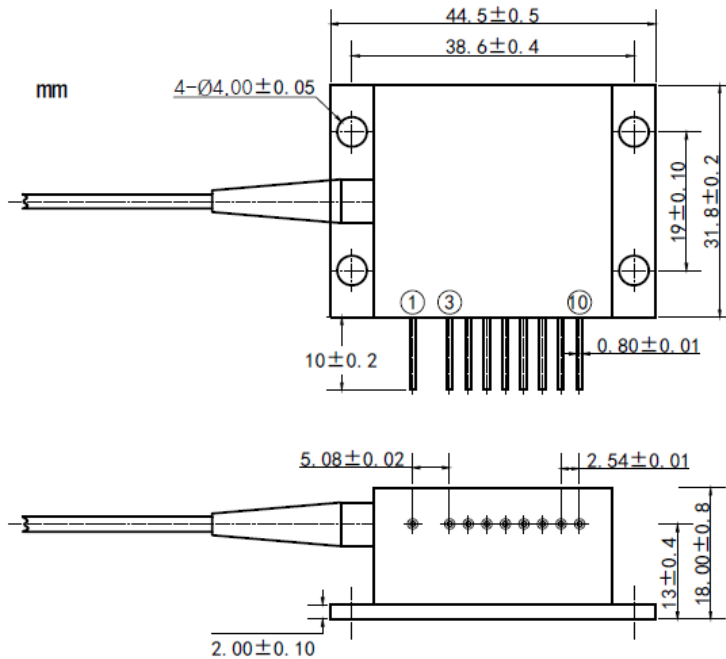
- Medical Laser Treatment
- Others



Specifications	WSLX-520-1500m-M-H9-T-PD		
	Min.	Type	Max.
Center Wavelength@25°C	520nm±15nm		
Spectral Width (FWHM)	----	3nm	----
Output Power	1.3W	----	1.5W
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	105um (50um, 200um, 400um Optional)		
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** 520nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- **Dual-Wavelength** or **Tri-Wavelength** Module Optional
 (such as 2W@520nm+7W@808nm)

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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