

520nm~525nm 1W 9-Pin HHL Package Fiber Coupled Diode Laser With 50um Fiber | Green LD Module

520nm| 9-Pin Package Pigtailed Laser Diode Module |Built-in TEC Cooling | Built-in PD

WSLX-520-001-50M-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:

- 520nm
- 50um Multi-mode Fiber
- Built-in TEC Cooling
- Built-in Photodiode
- High Stability

Applications:

- Medical Laser Treatment
- Others



Specifications	WSLX-520-001-50M-H9-T-PD		
	Min.	Type	Max.
Center Wavelength@25°C	510nm	520nm	535nm
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		

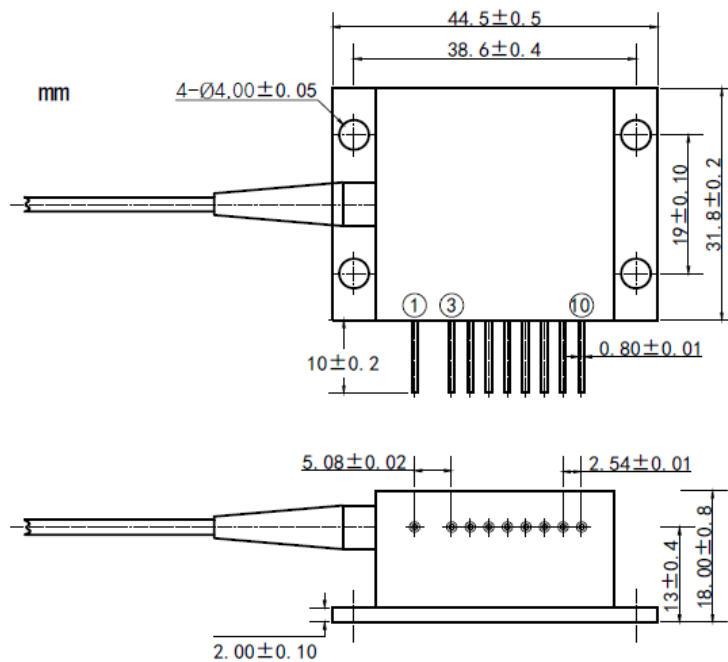
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sales@wavespectrum-laser.com



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 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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