

633nm 1W Fiber Coupled Laser Diode with 9-Pin Package | Built-in TEC cooler

633nm~635nm 1W Pigtailed Diode Laser Module With 9-Pin HHL Package | Built-in PD

WSLX-633-001-200M-H9-T-PD

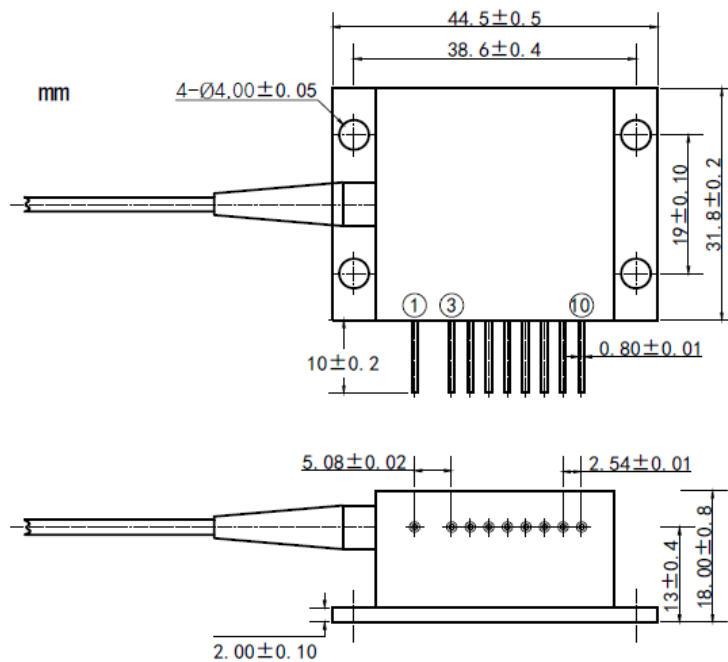
Wavespectrum Laser Group

www.wavespectrum-laser.com

633nm Pigtailed Diode Laser		1W/MM Fiber	en.wavespectrum-laser.com.cn
PARAMETER	SYMBOL	VALUE	UNIT
MAX Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	0 ~ +20	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: 633nm 9-Pin Package - Built-in TEC Cooler - Built-in Photodiode			
Applications: - Medical Laser Treatment - Sensor - Others			
Specifications	WSLX-633-001-200M-H9-T-PD		
	Min	Type	Max
Center Wavelength@15°C	633nm±10nm		
Output Power	----	1W	----
Spectral Width (FWHM)	----	2nm	----
Recommended Operating Temperature	≤15°C		
Temperature Coefficient of Wavelength	0.2nm / °C		
Threshold Current (Typ.)	----	0.6A	----
Operating Current (Typ.)	----	1.6A	----
Operating Voltage	----	2.4V	----
TEC Max Current	6A		
TEC Max Voltage	9.8V		
Thermistor	10K		
Fiber Core Diameter	200um		
Fiber Numerical Aperture	0.22		
Fiber Connector	FC/SMA905		
Fiber Length	>80cm		
Package Style	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 633nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2W@633nm+12W@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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