

808nm~810nm 7W~8W Fiber Coupled Laser Diode with 9-PIN HHL Package | Built-in PD

808nm 8W|9-Pin HHL Package |TEC Cooling |200um, 400um Fiber Core| High Power LD For Medical Care

WSLX-808-008-M-H9-T-PD

Wavespectrum Laser Group

www.wavespectrum-laser.com

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 808nm
- 9-Pin HHL Package
- Built-in TEC Cooling
- Built-in Photodiode

Applications:

- Medical Laser Treatment
- Pumping
- Others



Specifications

WSLX-808-008-M-H9-T-PD

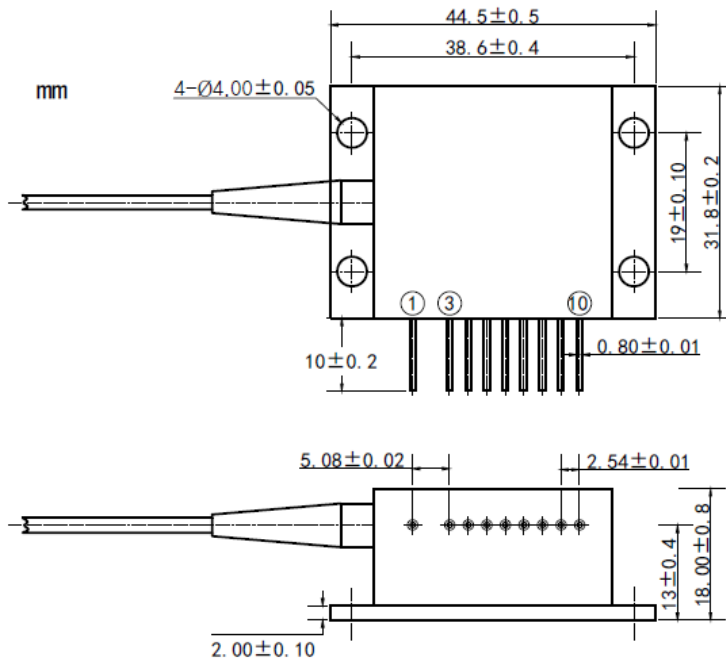
	Min	Type	Max
Center Wavelength@25°C	± 3nm	808nm	± 10nm
Spectral Width (FWHM)		3.0nm	
Output Power	7.0W	8.0W	-----
Temperature Coefficient of Wavelength		0.3nm / °C	
Threshold Current (Typ.)		1.2A	2.0A
Operating Current (Typ.)		9.5A	10.0A
Operating Voltage		1.9V	2.3V
Recommended Case Temperature	25°C		
TEC Max. Current	6A		
TEC Max. Voltage	9.8V		
Fiber Core Diameter	105um (200um, 400um Optional)		
Fiber Numerical Aperture	0.22		
Package	9-Pin		
Fiber Length	>80cm		
Connector Type	FC (SMA905 Optional)		
Photodiode	Built-in		

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 808nm Fiber Coupled LD**.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 10w@808nm+350w@635nm)

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

