

808nm 4W~5W Fiber Coupled Laser Diode with 9-PIN HHL Package

808nm~810nm |9-Pin HHL Package |TEC Cooling | 200um or 400um Fiber Core| High Power LD

WSLX-808-005-H-T

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 Cooler
- PD Optional
- 650nm Aiming Beam Optional

Applications:

- Medical laser treatment
- Pumping
- Others



Specifications

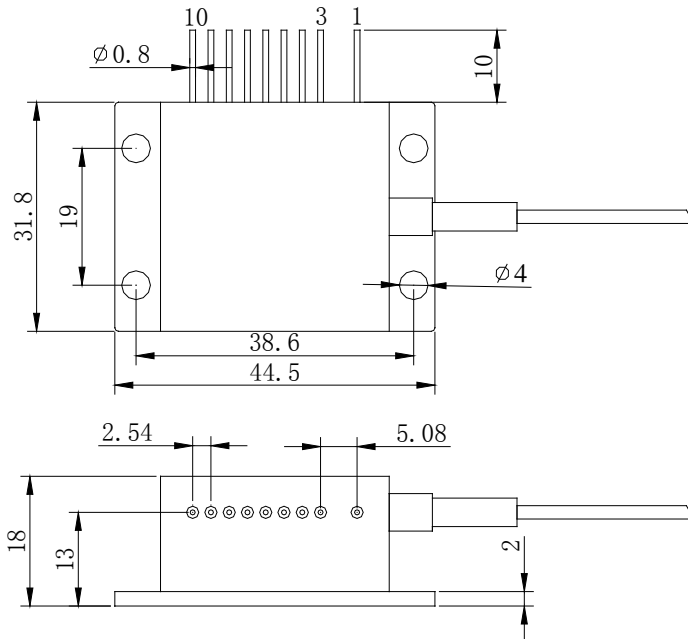
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	Min	Type	Max
Center Wavelength@25°C	±3nm	808nm	±10nm
Spectral Width (FWHM)		3nm	
Output Power	4W	5W	----
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	0.6A		
Operating Current (Typ.)	6.8A		
Operating Voltage	2.1V		
Recommended Case Temperature	25°C		
TEC Max. Current	6A		
TEC Max. Voltage	9.8V		
Fiber Core Diameter	200um (400um Optional)		
N.A.	0.22 (0.37 N.A. Optional)		
Package	9-PIN HHL		
Fiber Length	80cm		
Connector Type	FC (SMA905 Optional)		

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9-PIN HHL Package View



PIN	FUNCTION	PIN	FUNCTION
1	TEC (-)	6	THERM
2	-	7	LD (-)
3	CASE	8	PD (P)
4	LD (+)	9	PD (N)
5	THERM	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.



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