

880nm 2W Fiber Coupled Laser Diode Module with TEC Cooling

870nm~880nm|9-pin HHL Package| 105um 200um 400um Fiber| High Power LD|PD Optional

WSLX-880-002-H-T

Wavespectrum Laser, Inc.

www.wavespectrum-laser.com

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+15 ~ +35	°C
Storage Temperature	T_{stg}	-40 ~ +60	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 880nm
- 9-pin HHL package
- Built-in TEC Cooling
- PD Optional
- Red Aiming Beam Optional

Applications:

- Medical laser treatment
- Others



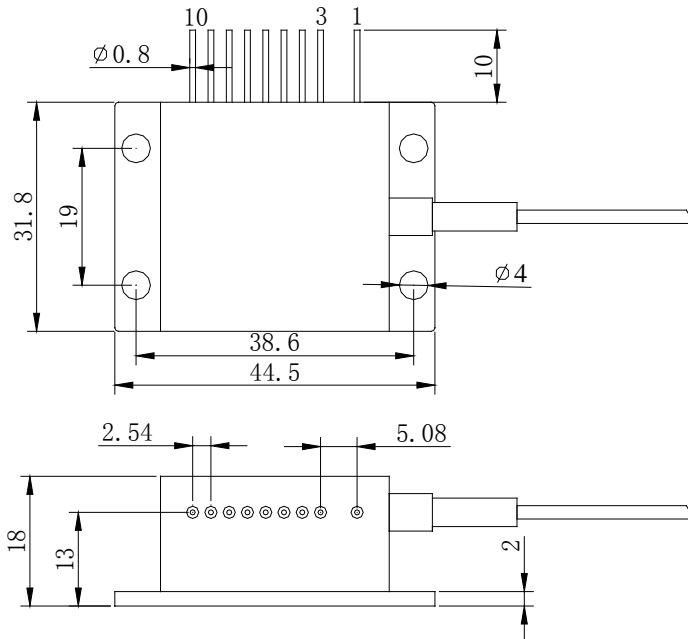
Specifications

WSLX-880-002-H-T

		Min	Type	Max
Center Wavelength@25°C		±3nm	880nm	±10nm
Spectral Width (FWHM)		----	2nm	3nm
Output Power		2W	2.2W	----
Temperature Coefficient of Wavelength		0.28nm / °C		
Threshold Current (Typ.)		----	500mA	700mA
Operating Current (Typ.)		----	3.2A	3.4A
Operating Voltage		----	1.8V	2V
Recommended Case Temperature		25°C		
TEC Cooling	TEC Max Current	4A		
	TEC Max Voltage	9.8V		
Fiber Core Diameter		200um (105um, 400um Optional)		
Fiber Numerical Aperture		0.22 (0.37N.A. Optional)		
Fiber Length		80cm		
Connector Type		SMA905/ST/FC		
Package Style		9-pin		



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 880nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 6w@880nm+350mw@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, Inc.
www.wavespectrum-laser.com
wavespectrumlaser@gmail.com

