

880nm 2W Fiber Coupled Diode Laser Module

870nm~880nm|4-pin Package| 105um 200um 400um Fiber| High Power LD

WSLX-880-002-H

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
- 4-pin package
- PD Optional
- Red Aiming Beam Optional

Applications:

- Medical laser treatment
- Others



Specifications

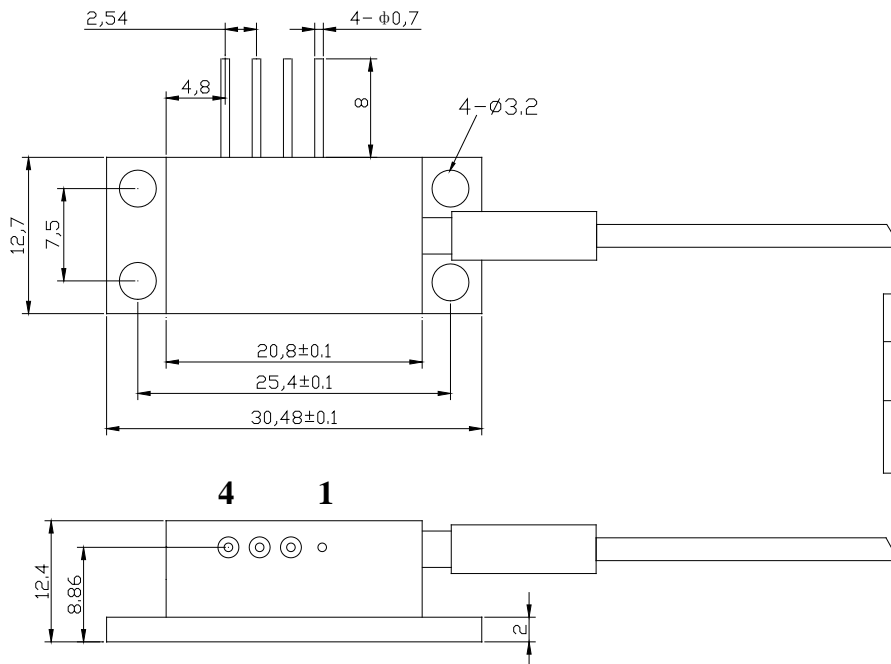
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	Min	Type	Max
Center Wavelength@25°C	±3nm	880nm	±10nm
Spectral Width (FWHM)	----	2nm	3nm
Output Power	----	2W	2.2W
Temperature Coefficient of Wavelength	0.28nm / °C		
Threshold Current (Typ.)	----	500mA	700mA
Operating Current (Typ.)	----	3.2A	3.4A
Operating Voltage	----	1.8V	2V
Recommended Case Temperature	25°C		
Slope Eff. (W/A)	1.15 W/A		
Cooling	TEC Cooling Optional		
Fiber Core Diameter	200um (105um, 400um Optional)		
Fiber Numerical Aperture	0.22 (0.37N.A. Optional)		
Fiber Length	100cm		
Connector Type	SMA905/ST/FC		
Package Style	4-pin (9-pin Optional)		

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4-pin Package View



PIN	FUNCTION
1	LD (+)
2	LD (-)

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.

