

830nm 2W~3W Fiber Coupled Laser Diode Module | PD Optional
820nm~830nm|4-pin,9-pin Package |105um 200um 400um Fiber| High Power LD
WSLX-830-002-H
Wavespectrum Laser Group
www.wavespectrum-laser.com

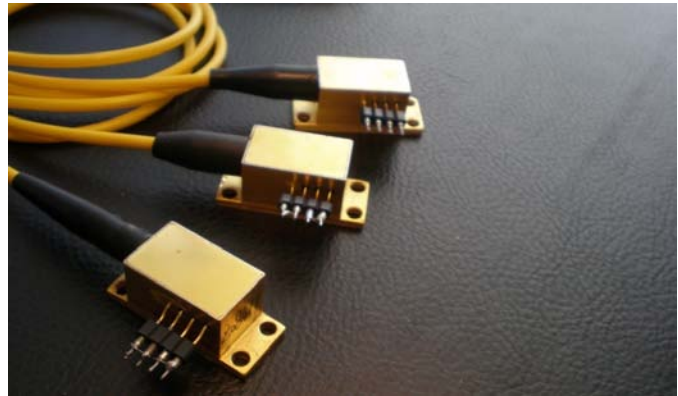
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+30	°C
Storage Temperature	T_{stg}	-40 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 830 nm
- 4-pin ,9-pin Package
- PD Optional

Applications:

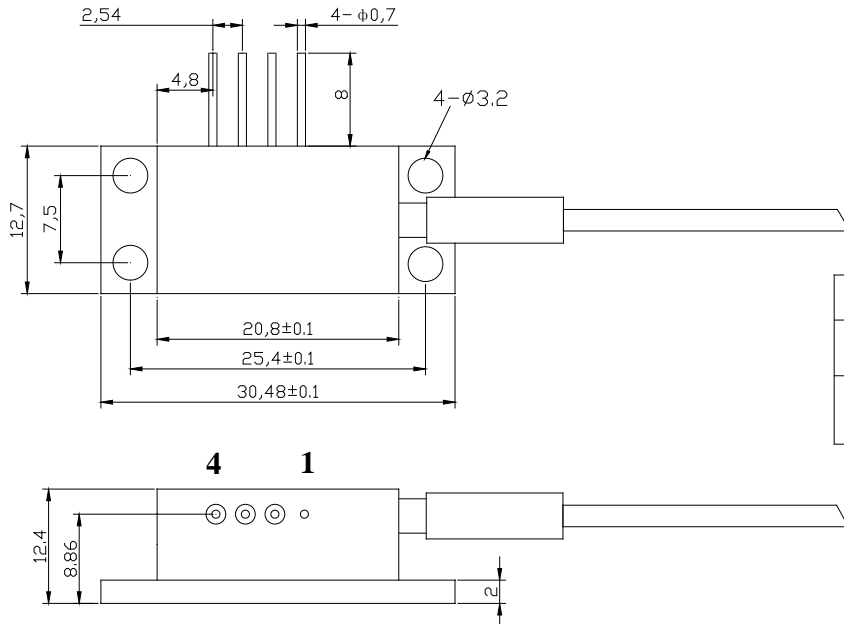
- Medical laser treatment
- Printing
- Others


Specifications
WSLX-830-002-H

Center Wavelength@25°C	±3nm	830nm	±10nm
Spectral Width (FWHM)	----	1nm	3nm
Output Power	2W	2.2W	2.5W
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	0.8A		
Operating Current (Typ.)	3.5A		
Operating Voltage	2V		
TEC Cooling	Optional		
Fiber Core Diameter	200um (105um 400um Optional)		
Fiber Numerical Aperture	0.22 (0.12N.A. .0.37N,A, Optional)		
Fiber Length	80cm		
Connector Type	SMA905/ST/FC		
Package Style	4-pin, 9-pin		
Aiming Beam	Optional		



4-pin Package View



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

Wavespectrum offer Customized 830nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2w@830nm+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.



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