

830nm 1.5W Fiber Coupled Diode Laser Module

830nm|2-pin 4-pin 14-pin BTF Package| 50um 60um 105um 200um 400um Fiber | High Power LD

WSLX-830-1500m-H

Wavespectrum Laser Group

www.wavespectrum-laser.com

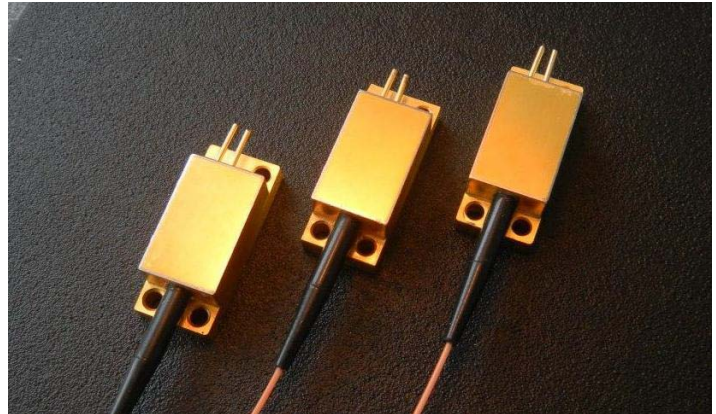
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10~+30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 830nm
- 2-pin ,4-pin or 14-pin package
- PD Optional
- TEC Cooling Optional

Applications:

- Medical laser treatment
- CTP
- others



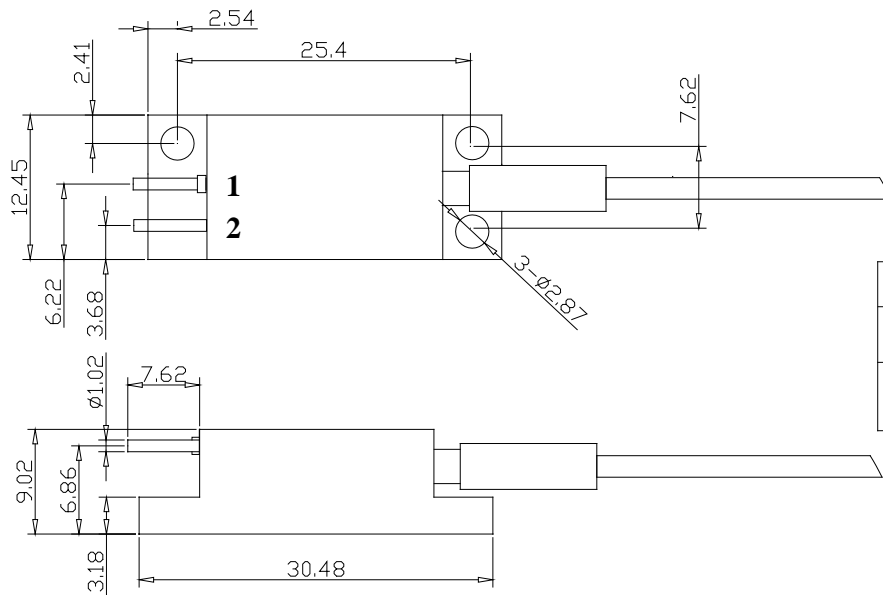
Specifications

WSLX-830-1500m-H

	Min	Type	Max
Center Wavelength@25°C	±3nm	830nm	±10nm
Spectral Width (FWHM)	----	2nm	3nm
Output Power	----	1.5W	----
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Threshold Current (Typ.)		0.1A	
Operating Current (Typ.)	----	1.8A	----
Operating Voltage	----	1.8V	----
Recommended Case Temperature	25°C		
Fiber Core Diameter	60um (50um, 105um, 200um, 400um Optional)		
Fiber Numerical Aperture	0.22 (.012N.A. , 0.37N.A. Optional)		
Fiber Length	80cm		
Connector Type	SC/SMA905/ST/FC		
Package Style	2-pin, 4-pin, 14-pin Optional		



2-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 5w@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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