

1450nm 3W~4W Fiber Coupled Laser Diode Module

1450nm|2-PIN Package| 105um 200um Fiber Core| High Power LD|3W Output Power

WSLX-1450-003-H

Wavespectrum Laser Group

www.wavespectrum-laser.com

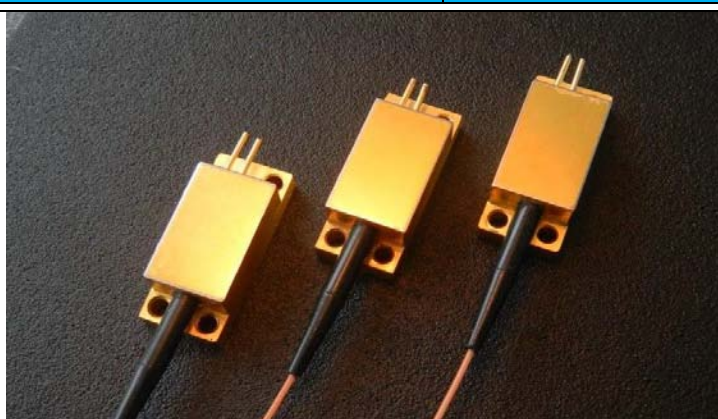
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.5	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (5 sec.)	T_{is}	260	°C

Features:

- 1450nm
- 2-pin or 4-pin package
- Long Lifetime

Applications:

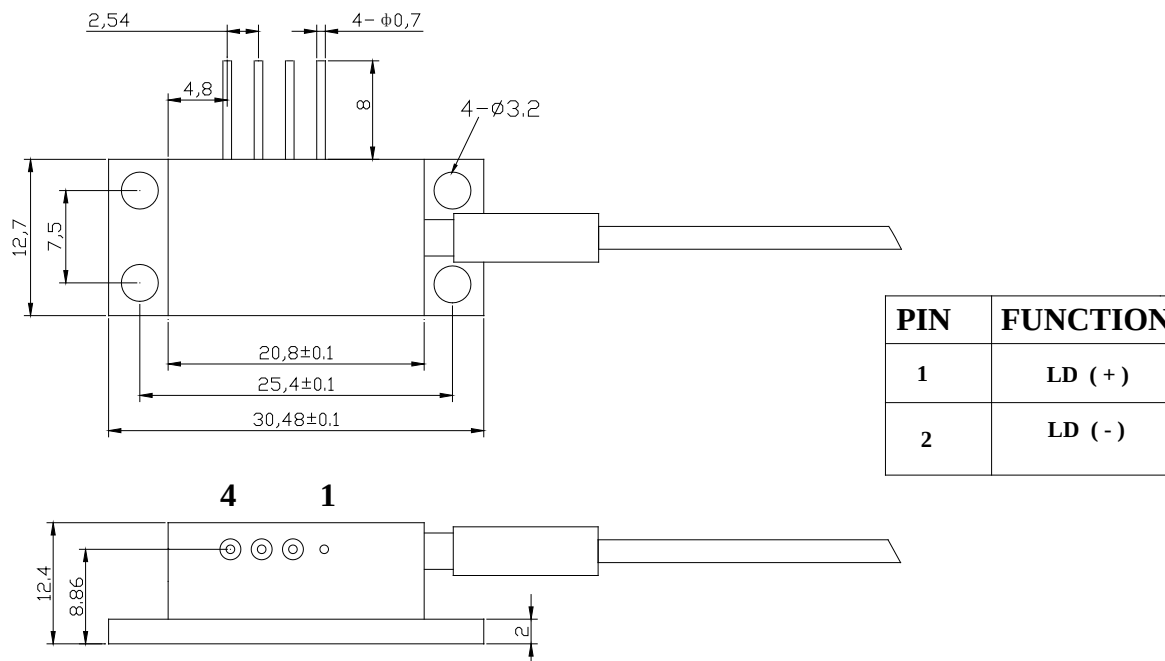
- Medical laser treatment
- Others



Specifications	WSLX-1450-003-H		
	Mini	Type	Max
Center Wavelength@25°C	±20nm	1450	±50nm
Spectral Width (FWHM)	----	10nm	----
Output Power	----	3W	----
Temperature Coefficient of Wavelength	----	0.65nm / °C	----
Slope Efficiency	----	0.3W/A	----
Threshold Current (Typ.)	----	400mA	----
Operating Current (Typ.)	----	10A	----
Operating Voltage	----	2V	----
Recommended Case Temperature	----	25°C	----
Fiber Core Diameter	105um (200um 400um Optional)		
N.A.	0.15 or 0.22		
Fiber Length	100cm		
Connector Type	FC		
Package Style	2-pin or 4-pin		



4-pin Package View



Wavespectrum offer **Customized 1450nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 7w@1450nm+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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