

808nm~810nm 3W~4W Fiber Coupled Diode Laser Module with 62.5um Multi-mode Fiber |

808nm 4W Diode Laser Module for Medical |2-pin Package| 62.5um Fiber Core| High Power LD

WSLX-808-004-H (62.5)

Wavespectrum Laser Group

www.wavespectrum-laser.com

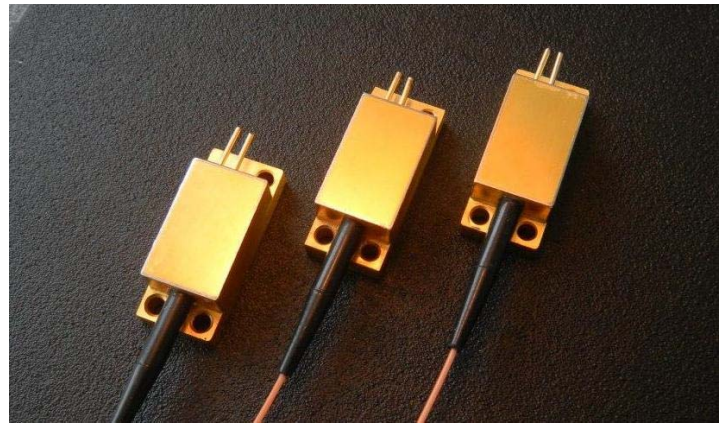
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 808nm
- 62.5um MM Fiber
- 2-pin package
- Aiming Beam Optional
- TEC Cooling Optional

Applications:

- Medical laser treatment
- Pumping
- Others



Specifications

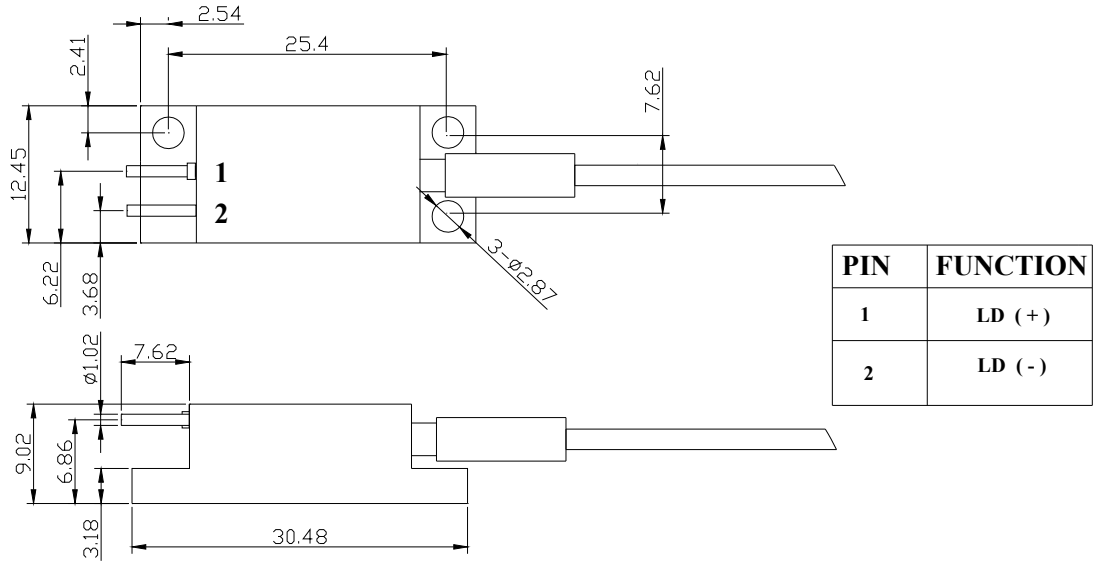
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	Min.	Type	Max.
Center Wavelength@25°C	±3nm	808nm	±10nm
Spectral Width (FWHM)	----	2nm	----
Output Power	----	4W	----
Temperature Coefficient of Wavelength		0.3nm / °C	
Threshold Current (Typ.)		1.0A	
Operating Current (Typ.)		5.2A	
Operating Voltage		1.9V	
Slope Efficiency		1.0W/A	
Fiber Core Diameter	62.5um		
Fiber Numerical Aperture	0.275		
Fiber Length	100cm		
Connector Type	FC (SMA905 Optional)		
Package Style	2-pin		
TEC Cooling	Optional		
Built-in Photodiodes	Optional		

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2-pin Package View



Wavespectrum offer **Customized 808nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 5w@808nm+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.

