

**808nm~810nm 5W Fiber Coupled Laser Diode Module | PD Optional | Pigtailed LD**
**808nm Laser Diode|2-pin or 4-PIN Package| 200um 400um Fiber Core| High Output Power**
**WSLX-808-005-H**
**Wavespectrum Laser Group**
**www.wavespectrum-laser.com**

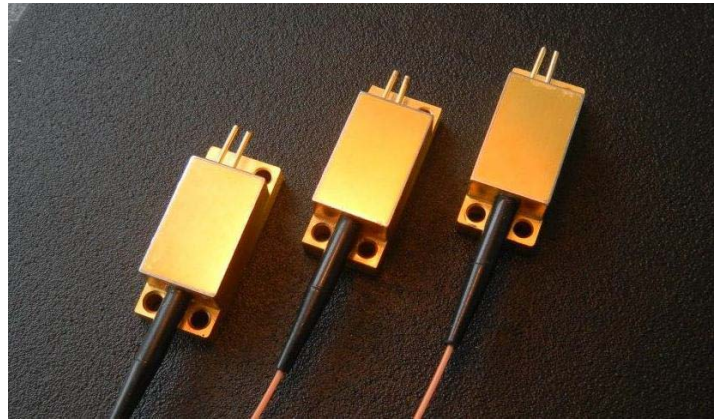
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	+10~+30	°C
Storage Temperature	$T_{stg}$	-40 ~ +80	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C

**Features:**

- 808nm
- 2-pin or 4-pin package
- PD Optional
- Aiming Beam Optional
- TEC Cooling Optional

**Applications:**

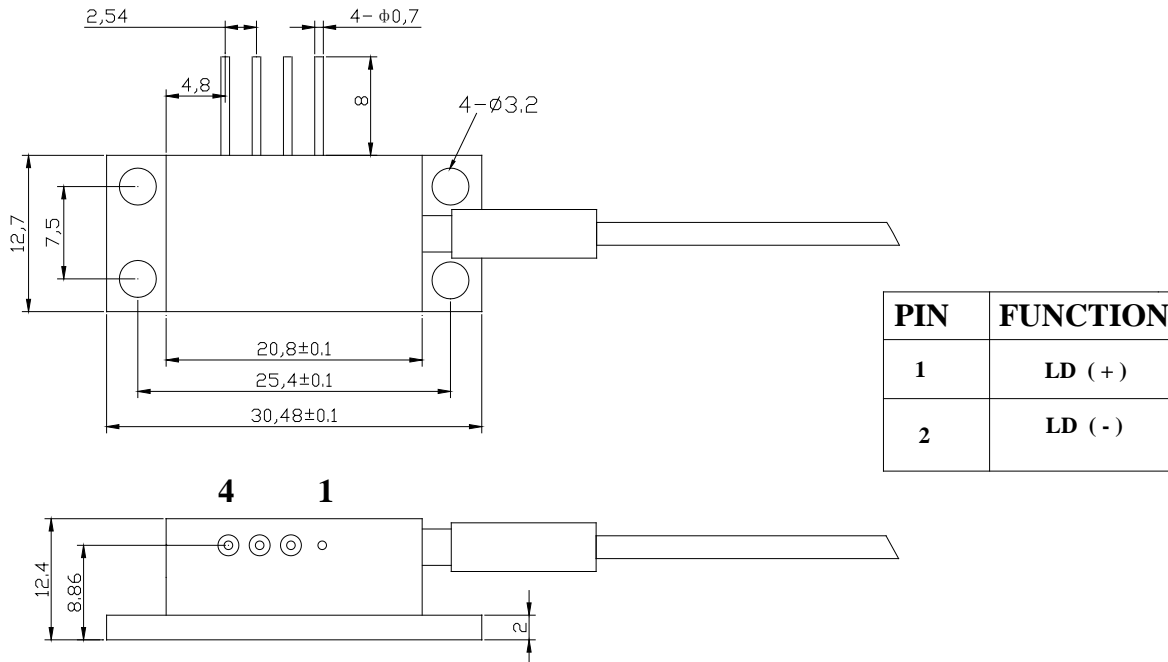
- Medical laser treatment
- Pumping
- Others


**Specifications**
**WSLX-808-005-H**

Center Wavelength@25°C	±3nm	808nm	±10nm
Spectral Width (FWHM)	1nm	----	3nm
Output Power	----	5W	----
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	1.0A		
Operating Current (Typ.)	6.0A		
Operating Voltage	2.0V		
Slope Efficiency	1.0W/A		
Fiber Core Diameter	200um (105 400um Optional)		
Fiber Numerical Aperture	0.22 (0.15 0.37 Optional)		
Fiber Length	100cm		
Connector Type	FC (SMA905 Optional)		
Package Style	2-pin (4-pin ,9-pin Optional)		
TEC Cooling	Optional		
Built-in Photodiodes	Optional		



### 4-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](mailto: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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