

780nm~785nm 1W~1.5W Fiber Coupled Diode Laser Module

780nm|2-pin or 4-pin Package| 105um 200um or 400um Fiber Core| High Power LD |Photodiodes Optional

WSLX-785-001-H

Wavespectrum Laser, Inc.

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 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 780nm
- 2-pin or 4-pin package
- Photodiodes Optional
- TEC Cooling Optional

Applications:

- Medical laser treatment
- Others



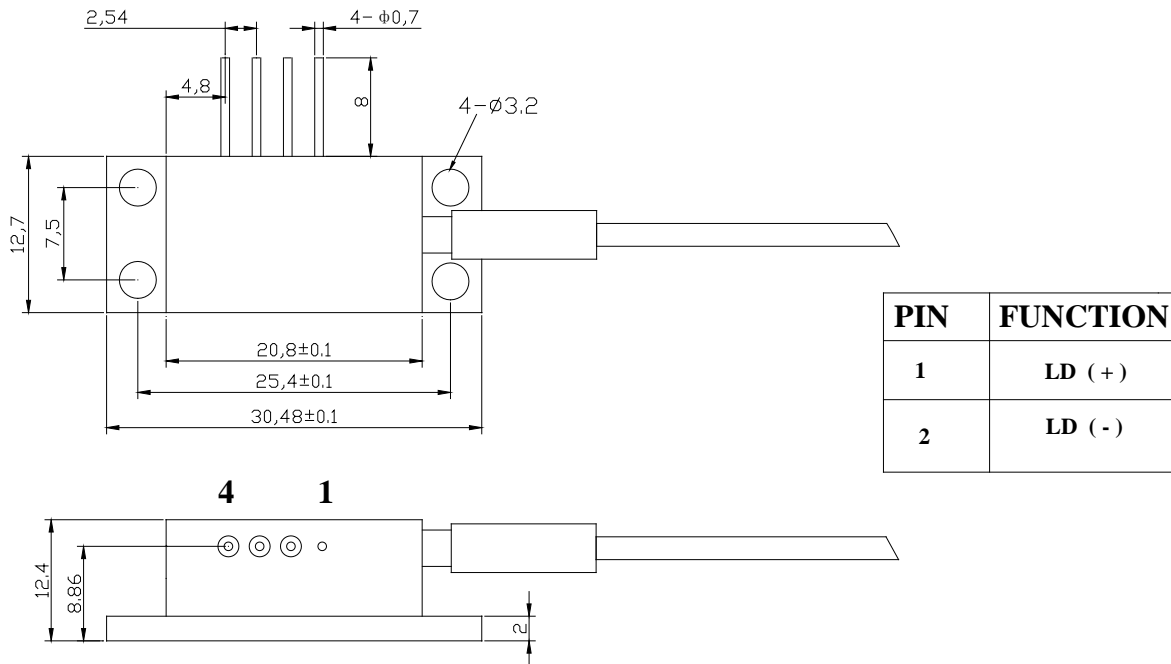
Specifications

WSLX-785-001-H

Center Wavelength@25°C	780±10nm		
Spectral Width (FWHM)	3nm		
Output Power	----	1.5W	----
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	300mA		
Operating Current (Typ.)	2.5A		
Operating Voltage	2.3V		
Recommended Case Temperature	25°C		
Photodiodes	Optional		
Fiber Core	200um (105um or 400um Optional)		
Fiber Length	80cm		
Connector Type	SMA905/ST/FC		
Package Style	2-pin or 4-pin Package		



4-pin HHL Package View



Wavespectrum offer **Customized** 780nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 3w@780nm+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.



Wavespectrum Laser, Inc.
www.wavespectrum-laser.com
wavespectrumlaser@gmail.com

