

780nm~785nm 700mW~800mw Fiber Coupled Laser Diode Module

785nm|2-pin or 4-pin Package| 105um 200um or 400um Fiber Core| High Power LD|PD Optional

WSLX-785-700m-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:

- 785nm
- 2-pin or 4-pin HHL package
- Photodiodes Optional
- TEC Cooling Optional

Applications:

- Medical laser treatment
- Others



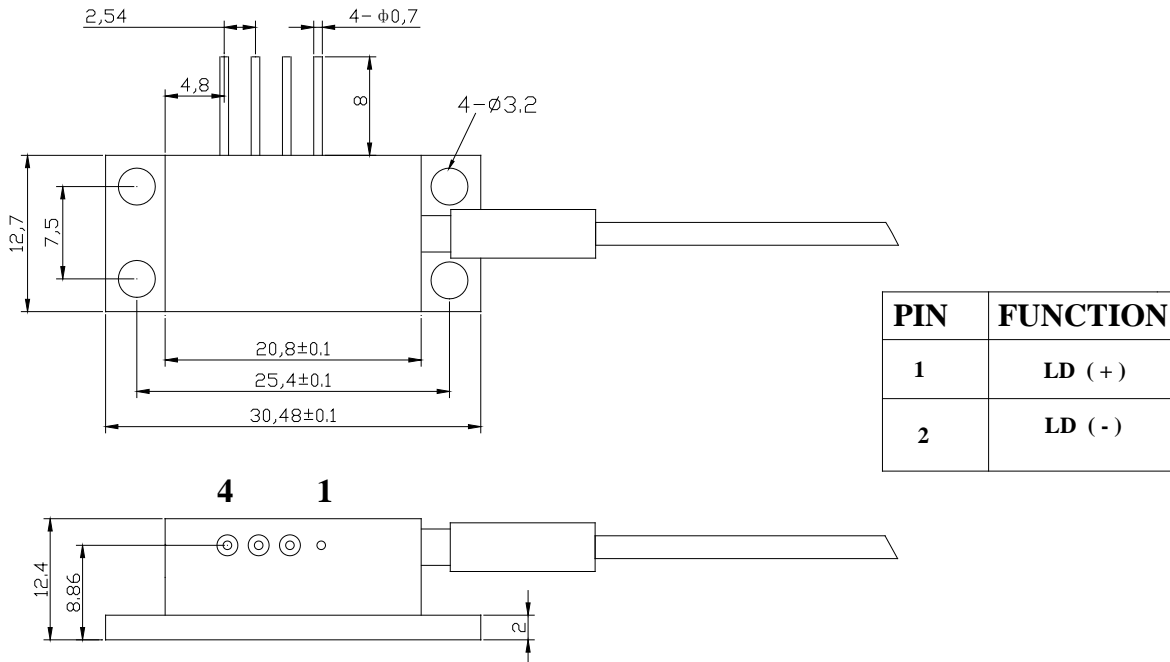
Specifications

WSLX-785-700m-H

	Min	Type	Max
Center Wavelength@25°C	785 ± 10nm		
Spectral Width (FWHM)	<3nm		
Output Power	----	700mW	800mW
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	230mA		
Operating Current (Typ.)	1.2A		
Operating Voltage	1.8V		
Recommended Case Temperature	25°C		
TEC Max. Current	----		
TEC Max. Voltage	----		
Fiber Core Diameter	105um (200um or 400um Optional)		
Fiber Numerical Aperture	0.22		
Fiber Length	100cm		
Connector Type	SMA905/ST/FC		
Package Style	2-pin or 4-pin		



4-pin Package View



Wavespectrum offer **Customized 785nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 3w@785nm+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

