

1550nm 600mw~700mw Fiber Coupled Diode Laser Module

1550nm|4-PIN Package| 105um 200um 400um Fiber Core| High Power LD

WSLX-1550-650m-H

Wavespectrum Laser, Inc.

www.wavespectrum-laser.com

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+15 ~ +35	°C
Storage Temperature	T_{stg}	-40 ~ +60	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 1550nm
- 4-pin or 9-pin package
- PD Optional
- TEC Cooling Optional

Applications:

- Medical laser treatment
- Others



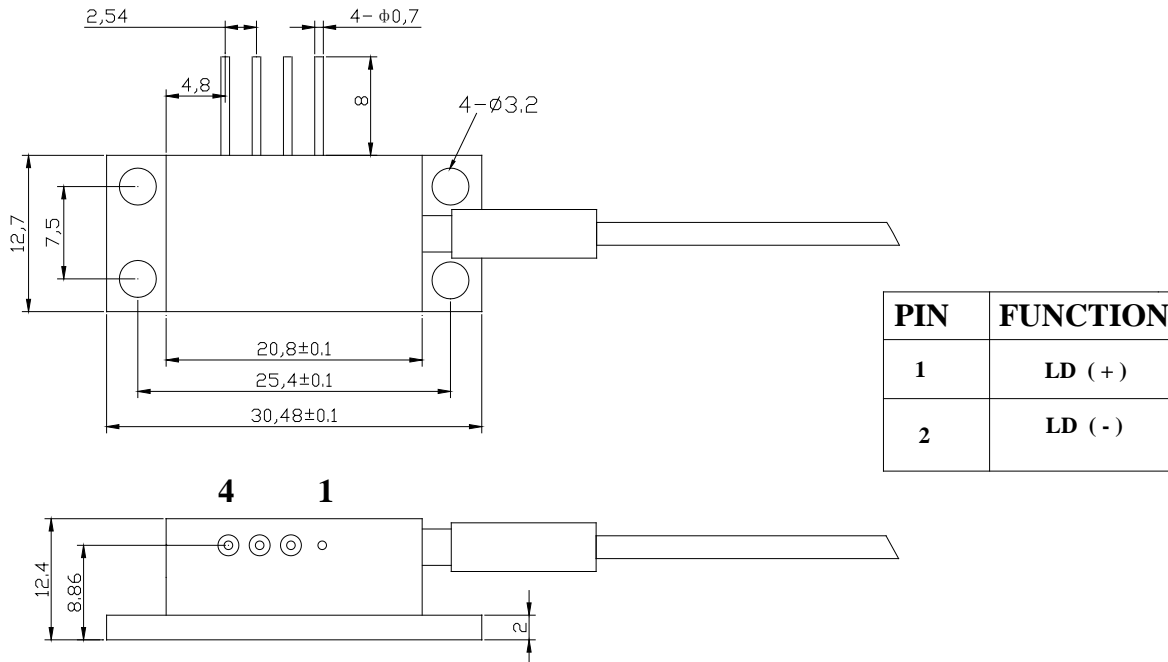
Specifications

WSLX-1550-650m-H

	Mini	Type	Max
Center Wavelength@25°C	----	1550±20nm	----
Spectral Width (FWHM)	----	4nm	----
Output Power	600mW	----	650mW
Temperature Coefficient of Wavelength	----	0.28nm / °C	----
Threshold Current (Typ.)	----	350mA	----
Operating Current (Typ.)	----	3A	----
Operating Voltage	----	1.3V	----
Recommended Case Temperature	----	25°C	----
TEC Max. Current	----	----	----
TEC Max. Voltage	----	----	----
Fiber Core Diameter	105um (200um 400um Optional)		
Fiber Numerical Aperture	0.22 (0.37N.A. Optional)		
Fiber Length	80cm		
Connector Type	SMA905/ST/FC		
Package Style	4-pin or 9-pin HHL		



4-pin Package View



Wavespectrum offer **Customized 1550nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2w@1550nm+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.

