

**1550nm 600mw~700mw Fiber Coupled Diode Laser Module | PD Optional | Aiming Beam Optional**

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

**WSLX-1550-650m-H**

**Wavespectrum Laser Group**

**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**

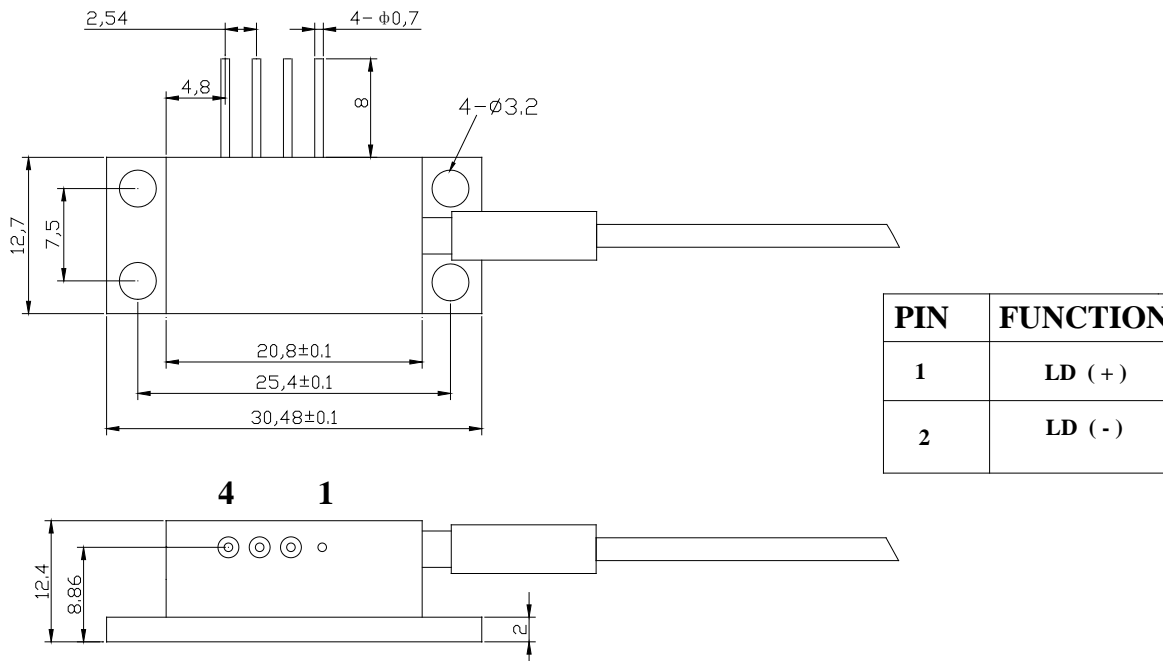
**WSLX-1550-650m-H**

	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	200um (105um 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		

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## 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](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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