

650nm 800mW Fiber Coupled Laser Diode Module | High Power Red LD | Photodiode Optional
650nm~658nm Red Laser Module with 4-Pin Package| 105um 200um Fiber Core | 800mW Output Power
WSLX-650-800m-M-H4 **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +20	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 650nm
- 4-Pin Package
- Built-in PD Optional

Applications:

- Medical Laser Treatment
- Laser Show
- Others



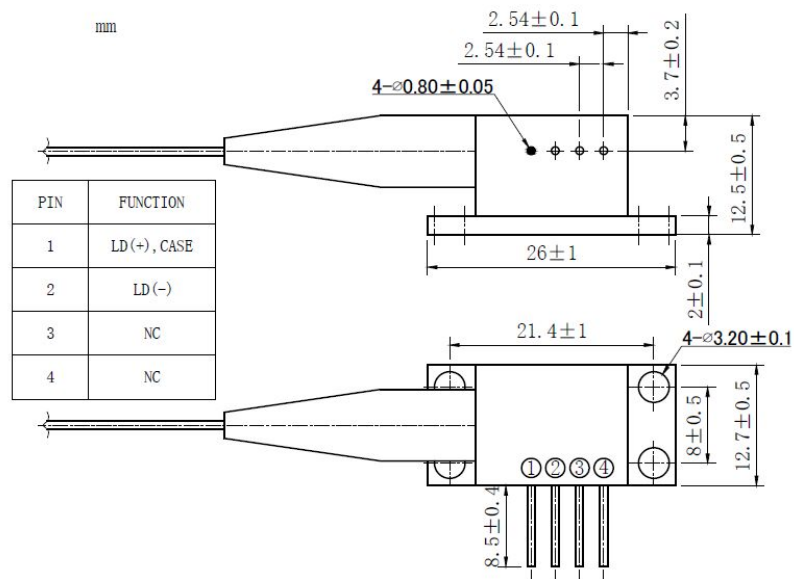
Specifications

WSLX-650-800m-M-H4

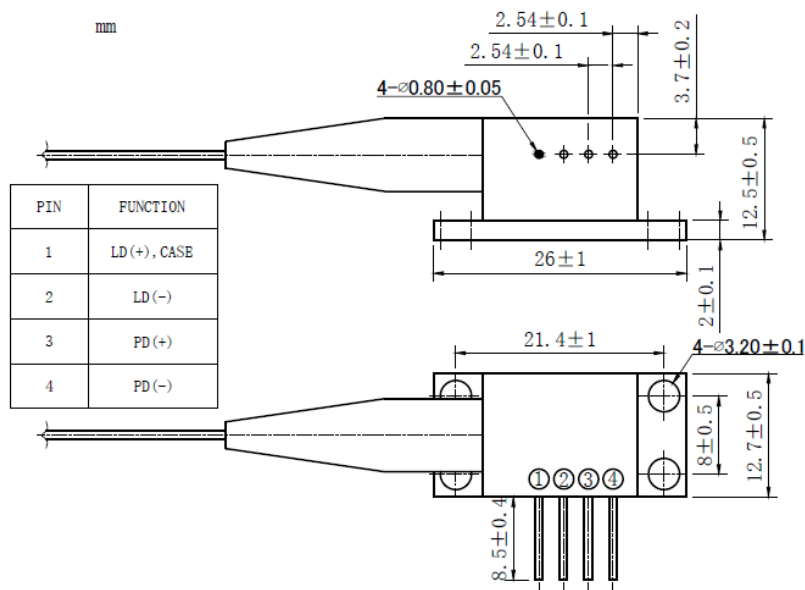
	Min	Type	Max
Center Wavelength@25°C	±5nm	658nm	±10nm
Spectral Width (FWHM)	----	2nm	----
Output Power	----	750mW	800mW
Temperature Coefficient of Wavelength	----	0.25nm / °C	----
Threshold Current (Typ.)	----	0.4A	0.7A
Operating Current (Typ.)	----	1.3A	1.5A
Operating Voltage	----	2.4V	2.8V
Recommended Case Temperature	≤18°C		
Fiber Core Diameter	105um (200um 400um Optional)		
Fiber Length	>80cm		
Connector Type	SMA905 / FC		
Package Style	4-Pin Package		
Photodiode	Optional		



4-Pin Package View (Without PD): (Part Number: WSLX-650-800m-M-H4)



4-Pin Package View (Built-in PD): (Part Number: WSLX-650-800m-M-H4-PD)



Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

