

785nm 1.5W Fiber Coupled Laser Diode Module with 50um Multi-mode Fiber| Infrared LD Module

780nm~785nm 1.5W Pigtailed Diode Laser Module |2-Pin Package| 50um Fiber Core

WSLX-785-1500m-50M-H2

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
- 50um Fiber Core
- 2-Pin Package
- Long lifetime

Applications:

- Medical Laser Treatment
- Pumping
- Others



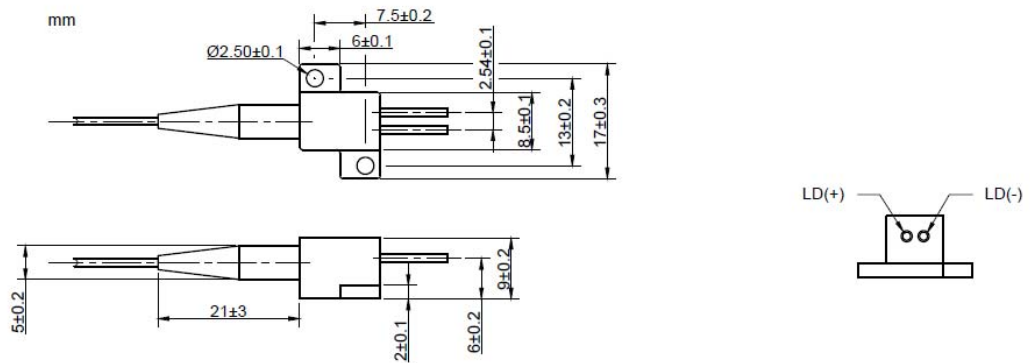
Specifications

WSLX-785-1500m-50M-H2

	Min	Type	Max
Center Wavelength@25°C	±5nm	785nm	±10nm
Spectral Width (FWHM)	----	3nm	----
Output Power	1.0W	1.5W	----
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Threshold Current (Typ.)	----	0.3A	0.6A
Operating Current (Typ.)	----	2.2A	2.5A
Operating Voltage	----	1.8V	2.2V
Slope Efficiency		0.8W/A	
Fiber Core Diameter	50um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	FC (SMA905 Optional)		
Package Style	2-Pin-02		
Recommend Operating Temperature	25°C		



2-Pin-02 Package View



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

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 4w@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.

