

780nm~785nm 3W Fiber Coupled LD With 2-Pin Package | TEC Cooling Optional | PD Optional

785nm |2-Pin Package | 105um,200um Fiber Core| High Power Laser Diode

WSLX-785-003-M-H2

Wavespectrum Laser Group.

en.wavespectrum-laser.com.cn

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 Package
- Long lifetime

Applications:

- Medical Laser Treatment
- Sensing
- Others



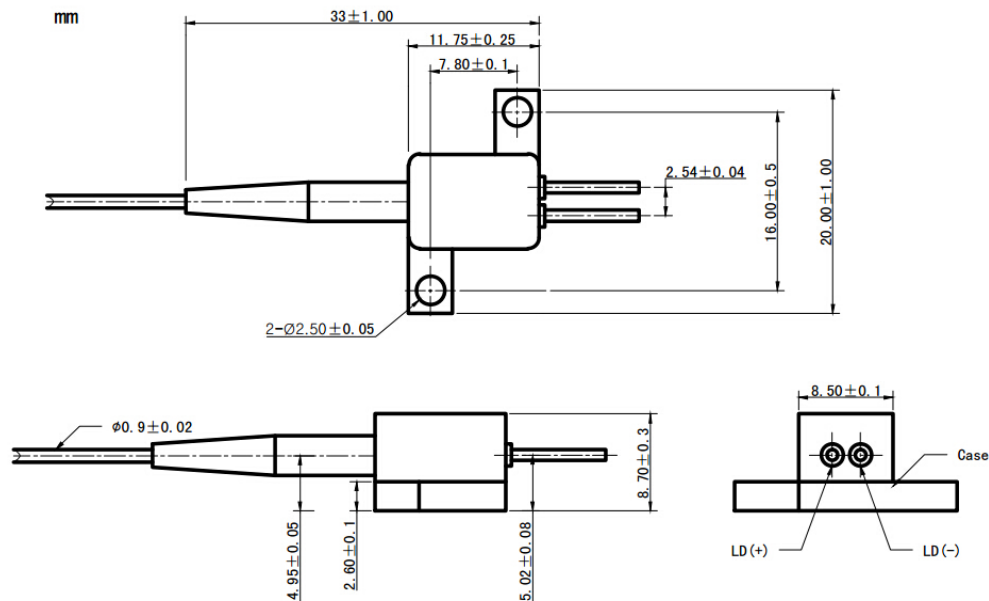
Specifications

WSLX-785-003-M-H2

	Min	Type	Max
Center Wavelength@25°C	±5nm	785nm	±10nm
Spectral Width (FWHM)	----	2nm	----
Output Power		3W	
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	----	1.2A	----
Operating Current (Typ.)	----	5.2A	----
Operating Voltage	----	2.0V	----
Recommended Case Temperature	25°C		
Fiber Core Diameter	105um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	SMA905 / ST / FC		
Package Style	2-Pin-01		



2-Pin-01 Package View:



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

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 6W@785nm+2W@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.



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