

1450nm 2W Fiber Coupled Diode Laser Module | Built-in PD Optional | TEC Cooler Optional

1450nm 2W| 2-PIN Package| 105um 200um 400um Fiber Core| High Power LD

WSLX-1450-002-M-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:

- 1450nm
- 2-Pin Package
- Built-in PD Optional
- Built-in TEC Cooling Optional

Applications:

- Medical Laser Treatment
- Others



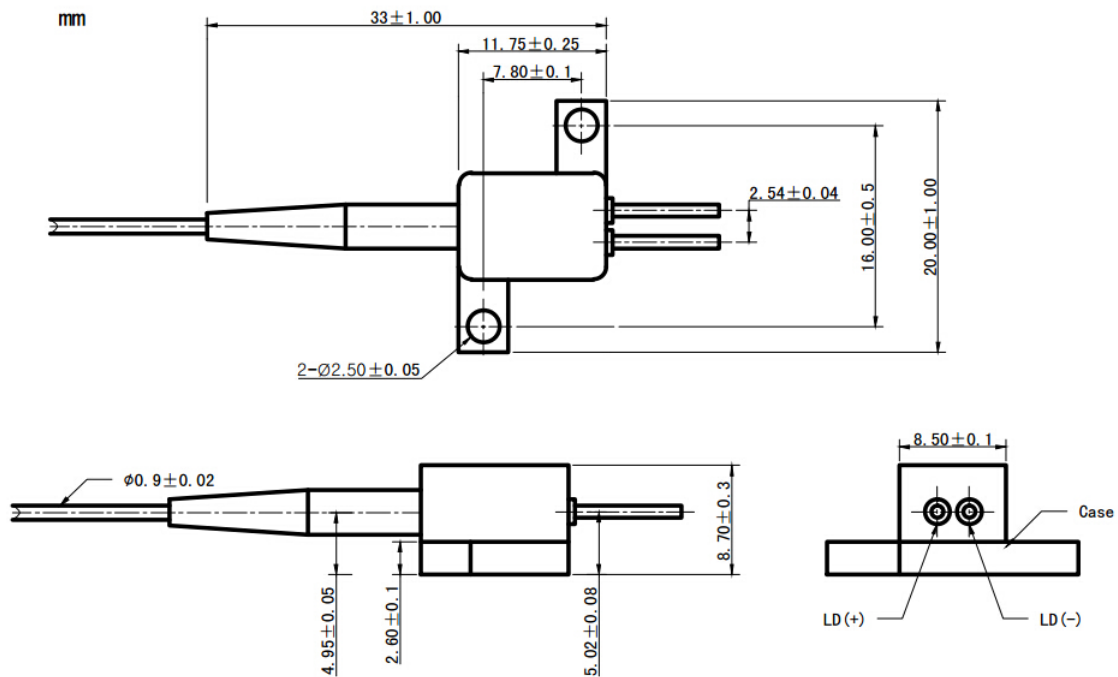
Specifications

WSLX-1450-002-M-H2

	Min	Type	Max
Center Wavelength@25°C	1450nm ± 40nm		
Spectral Width (FWHM)	----	10.0nm	----
Output Power	----	2.0W	----
Temperature Coefficient of Wavelength	----	0.7nm / °C	----
Threshold Current (Typ.)	----	0.5A	----
Operating Current (Typ.)	----	9.0A	----
Operating Voltage	----	1.8V	----
Recommended Case Temperature	25°C		
Fiber Core Diameter	105um (200um, 400um Optional)		
Fiber Numerical Aperture	0.22 (0.37N.A. Optional)		
Fiber Length	100cm		
Connector Type	SMA905 / ST / FC		
Package Style	2-Pin		



2-Pin Package View



Wavespectrum offer Customized 1450nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2W@1450nm + 700mW@650nm)

More information please contact us:

Website: www.wavespectrum-laser.com, en.wavespectrum-laser.com.cn

Email: Info@wavespectrum-laser.com, sales@wavespectrum-laser.com

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

Suggest using the constant current power supply.



Wavespectrum Laser Group
www.wavespectrum-laser.com
sales@wavespectrum-laser.com

