

1470nm 1W Fiber Coupled Diode Laser Module | PD Optional | Aiming Beam Optional

1470nm| 2-PIN Package| 105um 200um 400um Fiber Core| High Power LD

WSLX-1470-001-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:

- 1470nm
- 2-Pin Package
- Built-in PD Optional
- Built-in TEC Cooling Optional

Applications:

- Medical Laser Treatment
- Others



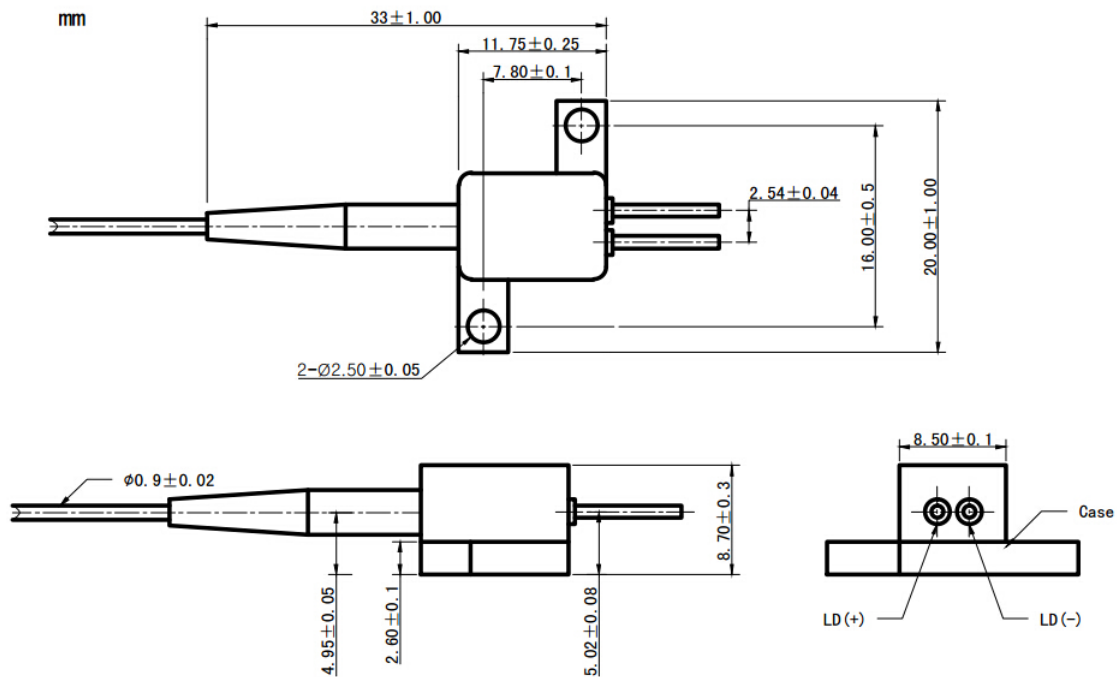
Specifications

WSLX-1470-001-M-H2

	Mini	Type	Max
Center Wavelength@25°C	±10nm	1470nm	±30nm
Spectral Width (FWHM)	----	7.0nm	10.0nm
Output Power	----	1W	----
Temperature Coefficient of Wavelength	----	0.7nm / °C	----
Threshold Current (Typ.)	----	0.3A	----
Operating Current (Typ.)	----	3.3A	----
Operating Voltage	----	1.5V	----
Recommended Case Temperature	25°C		
Fiber Core Diameter	105um (200um, 400um Optional)		
Fiber Numerical Aperture	0.22 (0.37N.A. Optional)		
Fiber Length	>80cm		
Connector Type	SMA905 / ST / FC		
Package Style	2-Pin		



2-Pin Package View



Wavespectrum offer **Customized 1470nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 6W@1470nm+700mW@650nm)

More information please contact us:

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

Suggest using the constant current power supply.



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