

1910nm~1920nm 400mW~500mW Fiber Coupled Diode Laser Module | Built-in PD Optional

1920nm~1940nm 400mW | 2-PIN Package| 105um 200um 400um Fiber Core| High Power LD

WSLX-1920-400m-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:**

- 1920nm
- CW Mode
- Built-in PD Optional
- Built-in TEC Cooling Optional

**Applications:**

- Medical Laser Treatment
- Others



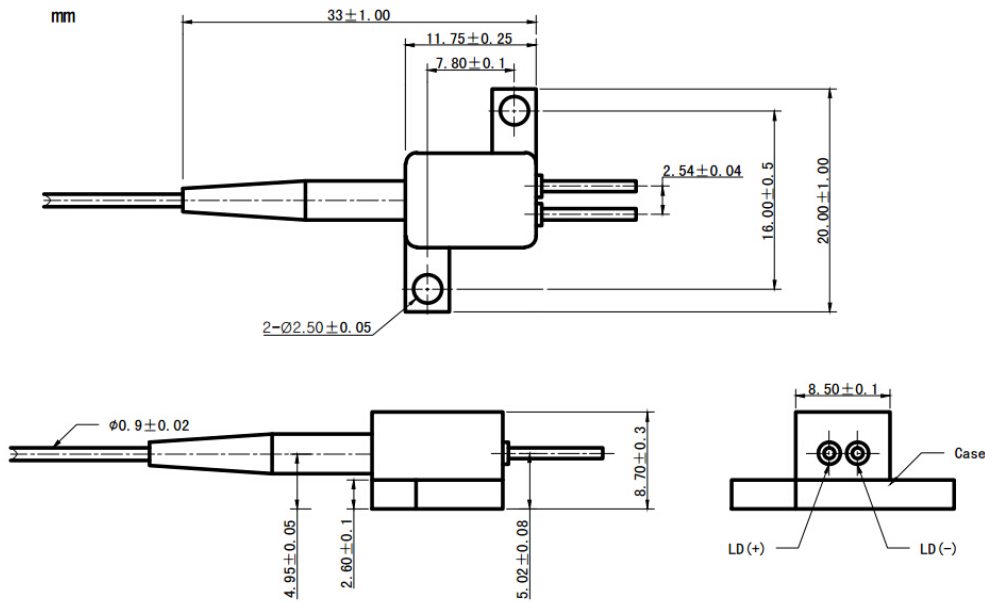
**Specifications**

**WSLX-1920-400m-M-H2**

	Min	Type	Max
Center Wavelength@25°C	1920nm±30nm		
Spectral Width (FWHM)	----	----	20.0nm
Output Power	----	400mW	----
Temperature Coefficient of Wavelength	----	0.75nm / °C	----
Threshold Current (Typ.)	----	0.6A	----
Operating Current (Typ.)	----	5.0A	----
Operating Voltage	----	1.6V	----
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 1920nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 1W@1920nm+350mW@635nm)

Contact us with [info@wavespectrum-laser.com](mailto: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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