

**1550nm 2.5W Fiber Coupled Diode Laser Module | Built-in PD Optional | Infrared Laser Module**
**1550nm 2.5W~3W | 2-PIN Package | 105um 200um 400um Fiber Core | High Power LD**
**WSLX-1550-2500m-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:**

- 1550nm
- CW Mode
- Built-in PD Optional
- Built-in TEC Cooling Optional

**Applications:**

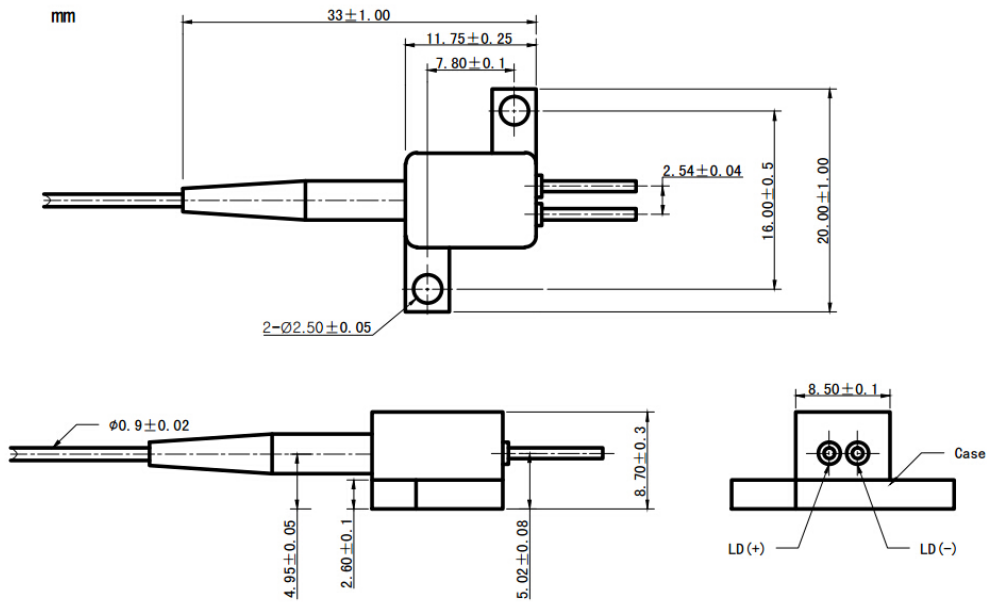
- Medical Laser Treatment
- Others


**Specifications**
**WSLX-1550-2500m-M-H2**

	Mini	Type	Max
Center Wavelength@25°C	1550nm±30nm		
Spectral Width (FWHM)	----	10.0nm	----
Output Power	----	2.5W	----
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	>80cm		
Connector Type	SMA905/ST/FC		
Package Style	2-Pin		



## 2-Pin Package View



Wavespectrum offer **Customized 1550nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- **Dual-Wavelength or Tri-Wavelength Module Optional**(such as **2W@1550nm+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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