

**1550nm 1.5W Fiber Coupled Laser Diode Module | Built-in TEC Cooler | 9-Pin HHL Package**
**1550nm 1.5W|9-PIN Package| 105um 200um 400um Fiber Core| High Power LD | Built-in Photodiode**
**WSLX-1550-1500m-M-H9-T-PD**
**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
- Multimode Fiber
- 9-Pin Package
- Built-in TEC Cooler
- Built-in PD

**Applications:**

- Medical Laser Treatment
- Others

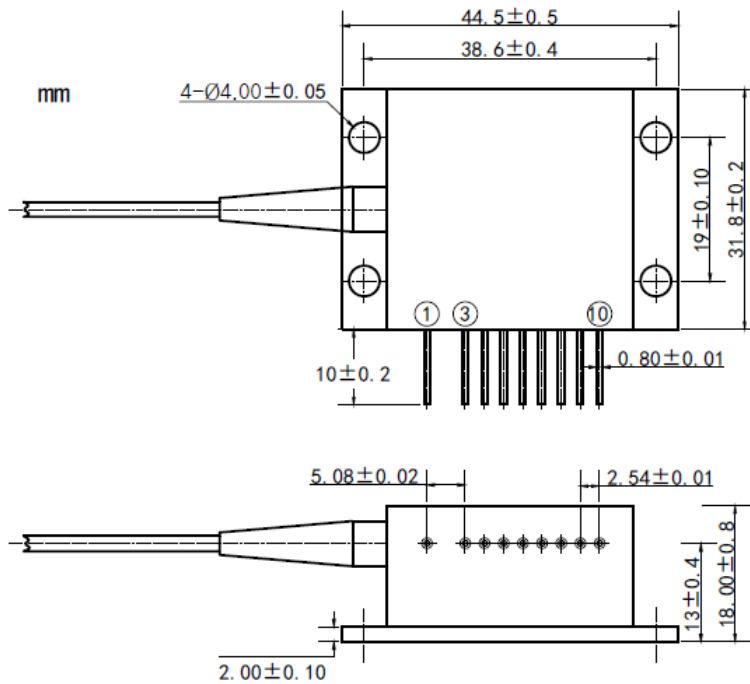

**Specifications**
**WSLX-1550-1500m-M-H9-T-PD**

	Min.	Type	Max.
Center Wavelength@25°C	1550nm ± 30nm		
Spectral Width (FWHM)	-----	15nm	-----
Output Power	-----	1.5W	-----
Temperature Coefficient of Wavelength		0.7nm / °C	
Threshold Current (Typ.)	-----	0.5A	-----
Operating Current (Typ.)	-----	8.0A	-----
Operating Voltage	-----	1.8V	-----
Recommended Case Temperature	25°C		
TEC Max. Current	6A		
TEC Max. Voltage	9.8V		
Thermistor	10K		
Fiber Core Diameter	105um (200um 400um Optional)		
Fiber Length	>80cm		
Connector Type	SMA905/ST/FC		
Package Style	9-Pin		
Photodiode	Built-in		

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### 9-Pin Package View:



PIN	FUNCTION
1	TEC (-)
2	-
3	CASE
4	LD (+)
5	THERM
6	THERM
7	LD (-)
8	PD (P)
9	PD (N)
10	TEC (+)

### 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.

