

**808nm~810nm 7W~8W Fiber Coupled Laser Diode with 9-PIN HHL Package | Built-in PD**
**808nm 8W|9-Pin HHL Package |TEC Cooling |200um, 400um Fiber Core| High Power LD For Medical Care**
**WSLX-808-008-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:**

- 808nm
- 9-Pin HHL Package
- Built-in TEC Cooling
- Built-in Photodiode

**Applications:**

- Medical Laser Treatment
- Pumping
- Others

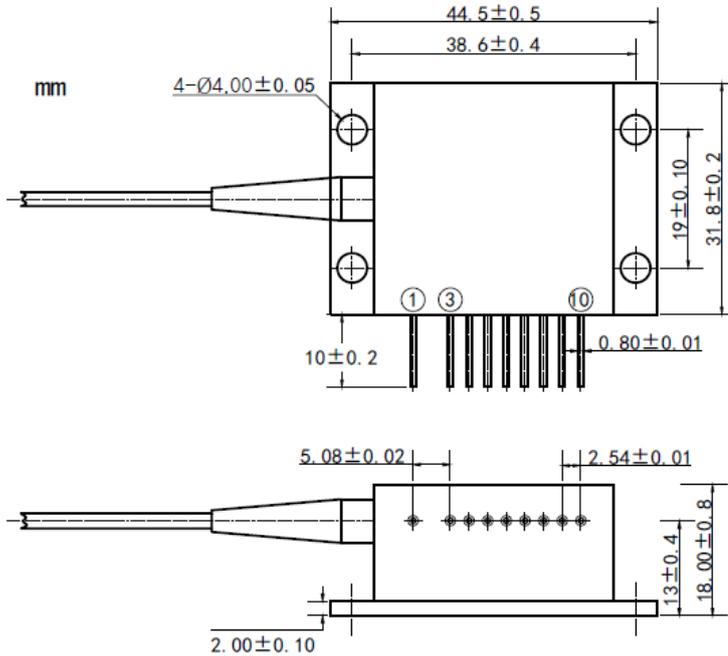

**Specifications**
**WSLX-808-008-M-H9-T-PD**

	Min	Type	Max
Center Wavelength@25°C	±3nm	808nm	±10nm
Spectral Width (FWHM)		3.0nm	
Output Power	7.0W	8.0W	-----
Temperature Coefficient of Wavelength		0.3nm / °C	
Threshold Current (Typ.)		1.2A	2.0A
Operating Current (Typ.)		9.5A	10.0A
Operating Voltage		1.9V	2.3V
Recommended Case Temperature	25°C		
TEC Max. Current	6A		
TEC Max. Voltage	9.8V		
Fiber Core Diameter	105um (200um, 400um Optional)		
N.A.	0.22		
Package	9-PIN HHL		
Fiber Length	>80cm		
Connector Type	FC (SMA905 Optional)		
Photodiode	Built-in		

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### 9-PIN HHL 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 808nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional  
(such as 10w@808nm+350w@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.

