

840nm~850nm 1.5W Fiber Coupled Laser Diode Module | Built-in TEC Cooler |9-Pin HHL Package

850nm |9-PIN Package| 105um 200um 400um Fiber Core| High Power LD | PD Optional

WSLX-850-001-H-T

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 (5 sec.)	T_{is}	250	°C

Features:

- 850nm
- Multimode Fiber
- 9-pin Package
- Built-in TEC Cooler
- PD Optional

Applications:

- Medical Laser Treatment
- Others



Specifications

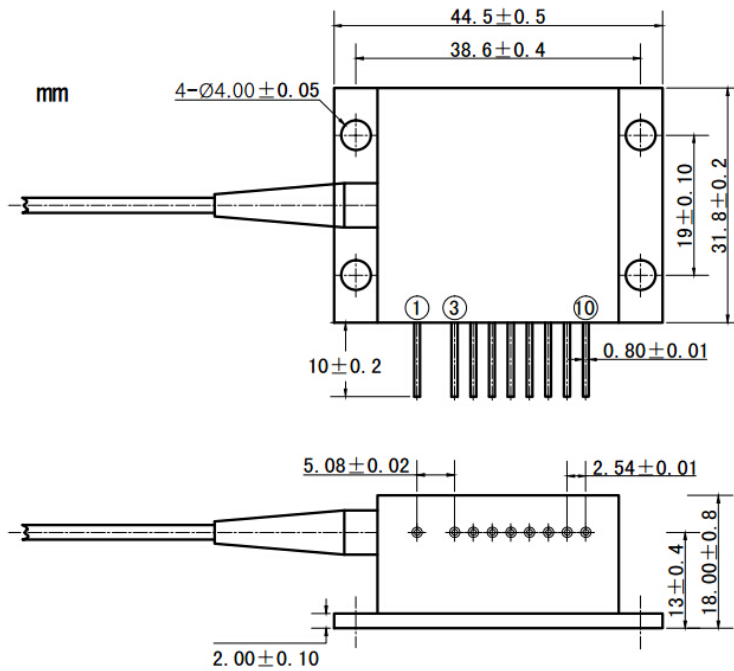
WSLX-850-001-H-T

	Min.	Type	Max.
Center Wavelength@25°C	±3nm	850nm	±10nm
Spectral Width (FWHM)		3nm	
Output Power		1.5W	
Temperature Coefficient of Wavelength		0.3nm / °C	
Threshold Current (Typ.)		0.3A	0.6A
Operating Current (Typ.)		2.1A	2.4A
Operating Voltage		2.0V	
Recommended Case Temperature	25°C		
TEC Max. Current	4A		
TEC Max. Voltage	9.8V		
Thermistor	10K		
Fiber Core Diameter	105um (200um 400um Optional)		
Fiber Length	100cm		
Connector Type	SMA905/ST/FC		
Package Style	9-Pin		
Photodiode	Optional		

sales@wavespectrum-laser.com



9-Pin Package (With PD)



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

Wavespectrum offer **Customized 850nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 2w@850nm+350mw@635nm)

Contact us with info@wavespectrum-laser.com

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

Suggest using the constant current power supply.



Wavespectrum Laser Group
www.wavespectrum-laser.com
sales@wavespectrum-laser.com

