

850nm 1.5W Fiber Coupled Laser Diode Module | TEC Cooler Optional | 9-pin HHL Package Optional

850nm | 4-PIN Package | 105um 200um 400um Fiber Core | High Power LD | PD Optional

WSLX-850-001-H

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
- 4-Pin Package
- PD Optional
- TEC Cooler Optional

Applications:

- Medical Laser Treatment
- Others



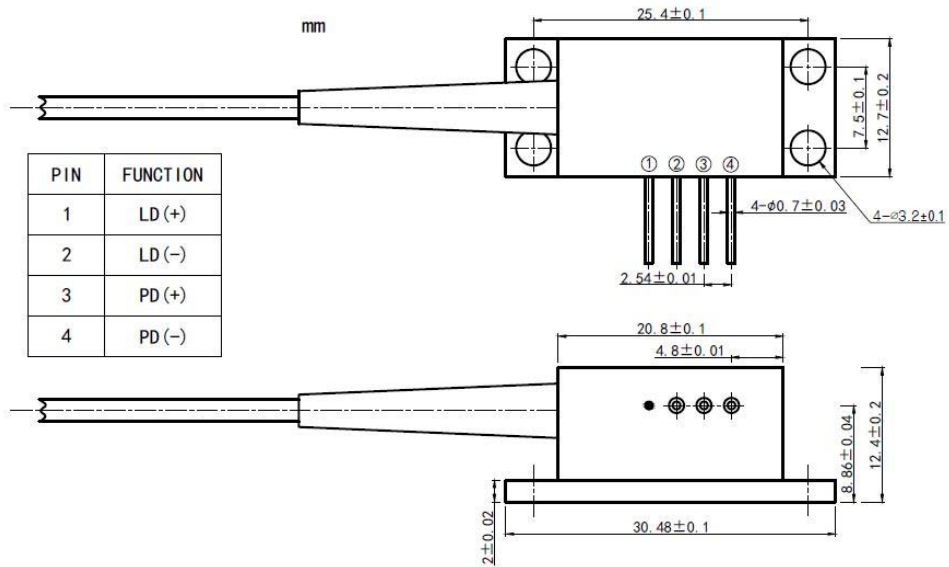
Specifications

WSLX-850-001-H

	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	
Fiber Core Diameter	105um (200um 400um Optional)		
Fiber Numerical Aperture	0.22		
Fiber Length	100cm		
Connector Type	SMA905/ST/FC		
Package Style	4-Pin		
Photodiode	Optional		



4-Pin Package (with PD)



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

Suggest using the constant current power supply.



More information please contact us:

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