

830nm 1W Fiber Coupled Laser Diode (LD) Module with 650nm Red Pilot Beam | Single Fiber Output
1W@830nm+1mW@650nm| Dual-Wavelength | 650nm Red Aiming Beam| PD |TEC Cooling|105um 200um Fiber
WSLX-830-001-H-A **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:

- 830nm
- Single Fiber Output
- With 650nm Red Aiming Beam
- 4-pin/9-pin/14-pin Package Optional
- Photodiodes Optional
- TEC Cooling Optional

Applications:

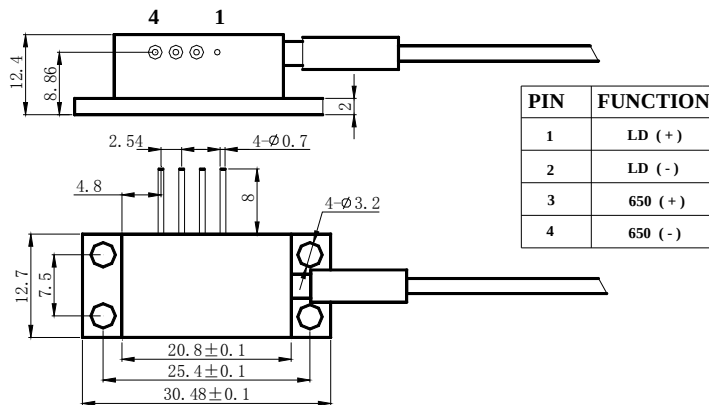
- Medical laser treatment
- Others



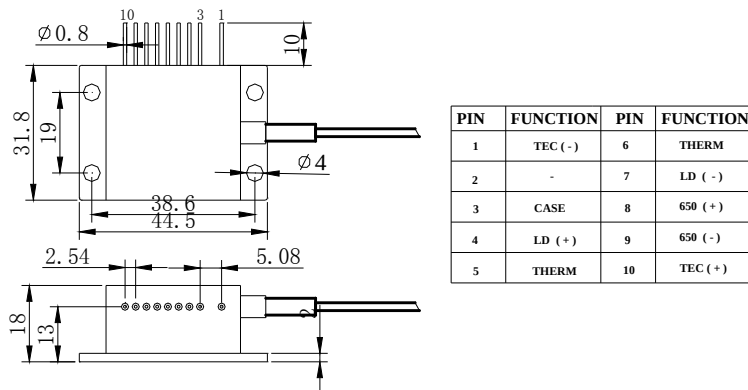
Specifications	WSLX-830-001-H-A		
Center Wavelength@25°C	± 3nm	830nm	± 10nm
Spectral Width (FWHM)	1nm	----	3nm
Output Power	----	1W	----
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	200mA		
Operating Current (Typ.)	1.2A		
Operating Voltage	1.9V		
Recommended Case Temperature	25°C		
Red Aiming Beam	1mw@650nm		
TEC Cooler	Optional		
Photodiodes	Optional		
Fiber Core	200um (105um or 400um Optional)		
Fiber Length	80cm		
Fiber Connector	SMA905 / ST / FC		
Package Style	4-pin, 9-pin, 14-pin		



4-PIN Package View



9-PIN HHL Package View



If you need the **TEC Cooling** and **PD (Photodiodes)** for this device, you can choose the **14-PIN Butterfly** Package or **9-PIN HHL** Package as the Standard Package. Contact us with info@wavespectrum-laser.com

Wavespectrum offer Customized 830nm Fiber Coupled Laser Diode Module:

- **Fiber Detachable** Package Laser Module (Red Aiming Beam Optional)
- **Single Fiber Output** Laser Module (Red Aiming Beam Optional)
- **Dual-Wavelength or Tri-Wavelength** Laser Module (such as 12w@830nm + 2mw@650nm)



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