



780nm~785nm 1W~1.5W Single Fiber Coupled Laser Diode (LD) with 650nm Red Pilot Beam

1.5W@780nm+1mW@650nm| Dual-Wavelength | 650nm Red Aiming Beam| PD |TEC Cooling|105um 200um Fiber

WSLX-780-001-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 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 780nm
- Single Fiber Output
- With 650nm Red Aiming Beam
- 4-pin/14-pin/9-pin Package Optional
- Photodiodes Optional
- TEC Cooling Optional

Applications:

- Medical laser treatment
- Others



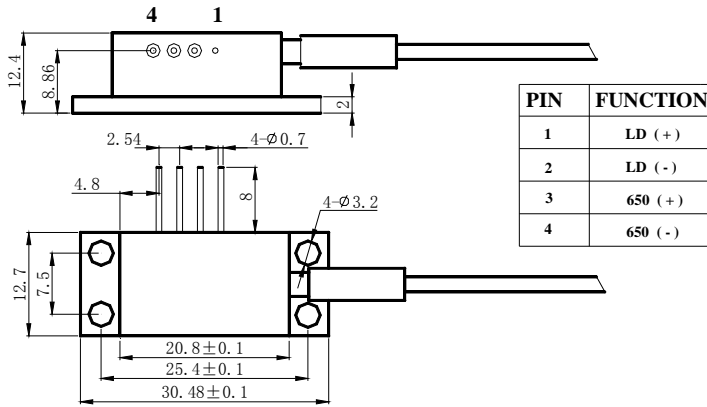
Specifications

WSLX-780-001-H-A

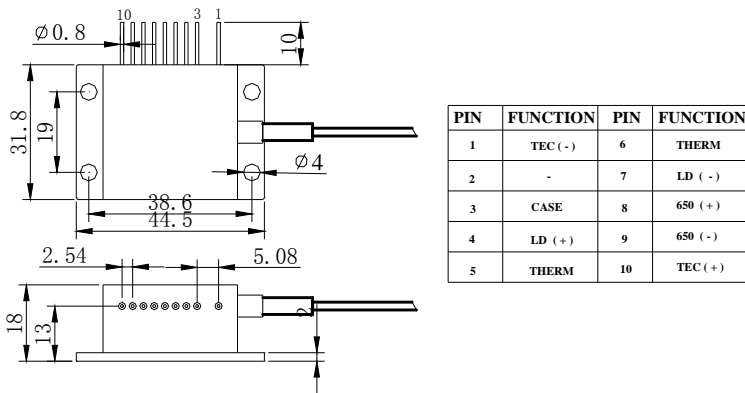
Center Wavelength@25°C	780±10nm		
Spectral Width (FWHM)	3nm		
Output Power	----	1.5W	----
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	0.3A		
Operating Current (Typ.)	2A		
Operating Voltage	2.2V		
Recommended Case Temperature	25°C		
Red Aiming Beam	1mw@650nm		
TEC Cooler	Optional		
Photodiodes	Optional		
Fiber Core	200um (105um or 400um Optional)		
Fiber Length	80cm		
Connector Type	SMA905/ST/FC		
Package Style	4-pin, 14-pin ,9-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 780nm 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 3w@780nm+300mw@635nm)

