

**880nm & 650nm (or 635nm) Dual-Wavelength Fiber Coupled Laser Diode Module | Red or Blue Aiming Beam  
2W@880 & 2mW@650nm LD | With PD | With TEC Cooling | HHL Package|<400um Fiber Core**

WSLB-880-002-H-A

Wavespectrum Laser Group

www.wavespectrum-laser.com

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	+15 ~ +35	°C
Storage Temperature	$T_{stg}$	-40 ~ +60	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C

**Features:**

- 880nm
- 9-pin HHL package
- With Aiming Beam
- TEC Cooling Optional
- PD Optional

**Applications:**

- Medical laser treatment
- Others



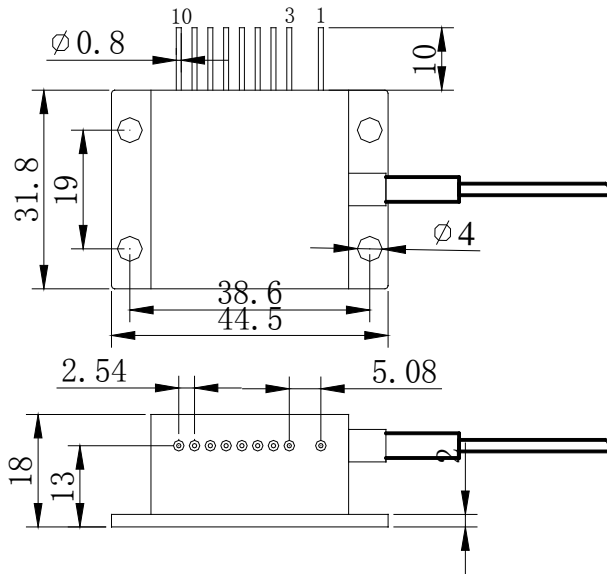
**Specifications**

**WSLB-880-002-H-A**

	Min	Type	Max
Center Wavelength@25°C	±3nm	880nm	±10nm
Spectral Width (FWHM)	----	2nm	3nm
Output Power	----	2W	----
Temperature Coefficient of Wavelength	0.28nm / °C		
Threshold Current (Typ.)	----	500mA	700mA
Operating Current (Typ.)	----	3.0A	3.4A
Operating Voltage	----	1.8V	2V
Aiming Beam	2mw@650nm		
	635nm/650nm/405nm/445nm Optional		
TEC Cooling	Optional		
Photodiodes	Optional		
Fiber Core Diameter	250um		
Fiber Length	80cm		
Connector Type	SMA905/ST/FC		
Package Style	9-pin		



### 9-pin HHL Package View



PIN	FUNCTION	PIN	FUNCTION
1	TEC (-)	6	THERM
2	-	7	LD (-)
3	CASE	8	650 (+)
4	LD (+)	9	650 (-)
5	THERM	10	TEC (+)

Wavespectrum offer **Customized 880nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 6w@880nm+350mw@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.

