

**830nm 3W Fiber Coupled Laser Diode Module For CTP Application**
**830nm 3W Pigtailed Diode Laser | 2-Pin Package| 105um Fiber optional | High Power LD**
**WSLX-830-003-M-H2**
**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:**

- 830 nm
- 3W Output Power
- 2-Pin Package
- Long Lifetime
- High Stability

**Applications:**

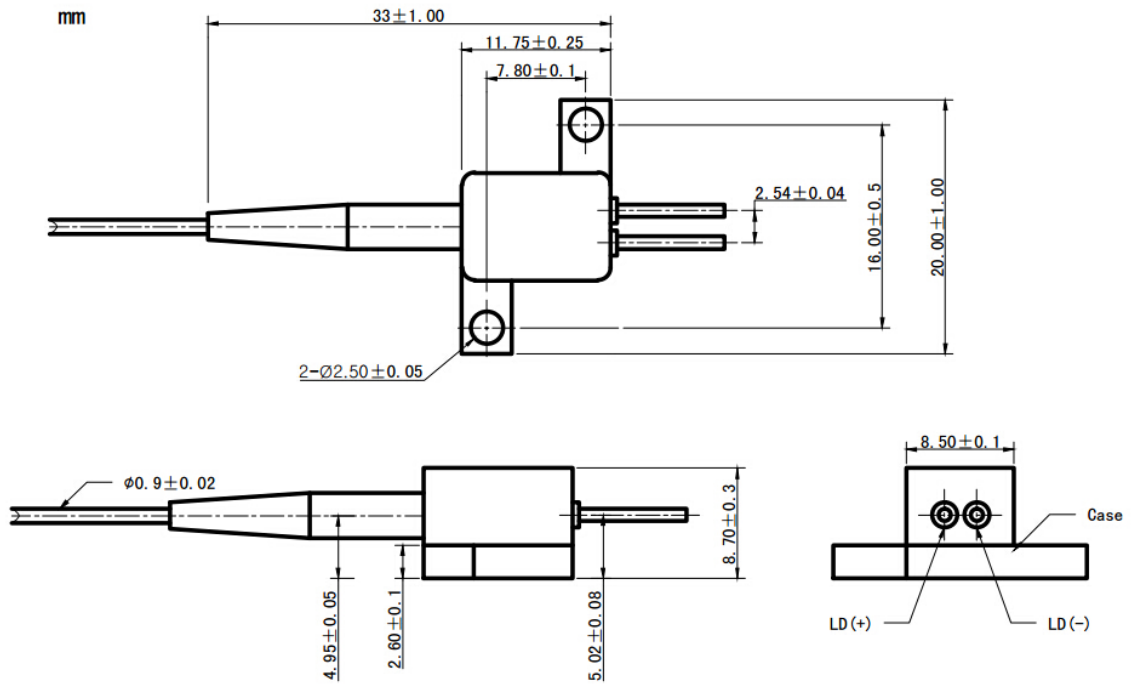
- Printing
- Medical laser treatment
- Others


**Specifications**
**WSLX-830-003-M-H2**

	Min	Type	Max
Center Wavelength@25°C	820nm	830nm	840nm
Output Power	----	3W	----
Spectral Width (FWHM)	----	3nm	----
Recommended Case Temperature	25°C		
Temperature Coefficient of Wavelength	0.3nm / °C		
Threshold Current (Typ.)	330mA		
Operating Current (Typ.)	3.5A		
Operating Voltage	2.0V		
Fiber Core Diameter	105um		
Fiber Numerical Aperture	0.22 N.A.		
Fiber Length	100cm		
Connector Type	SMA905/ST/FC/SC		
Package Style	2-Pin		



## 2-Pin Package View



Electrically shorten LD module and store in non-extreme conditions.  
 Suggest using the constant current power supply.

