

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

en.wavespectrum-laser.com.cn

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:

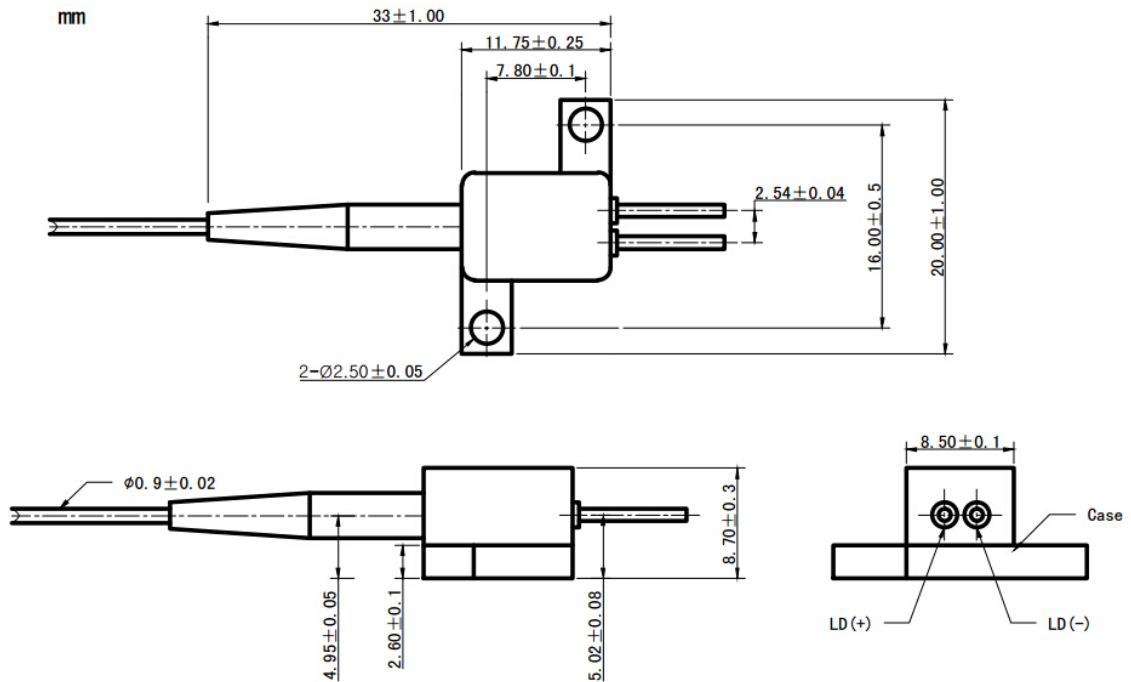
- Printing
- Medical laser treatment
- Others



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.)	----	0.3A	0.6A
Operating Current (Typ.)	----	3.2A	3.5A
Operating Voltage	----	1.8V	2.2V
Fiber Core Diameter	105um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	SMA905/ST/FC/SC		
Package Style	2-Pin-01		



2-Pin-01 Package View



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

