

808nm~810nm 8W Fiber Coupled Diode Laser Module with 105um Multi-mode Fiber

808nm 8W Diode Laser Module for Medical |2-Pin Package| 105um 200um Fiber Core| High Power LD

WSLX-808-008-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:

- 808nm
- 8W output Power
- 2-Pin Package
- Photodiode Optional
- TEC Cooling Optional

Applications:

- Medical Laser Treatment
- Pumping
- Others



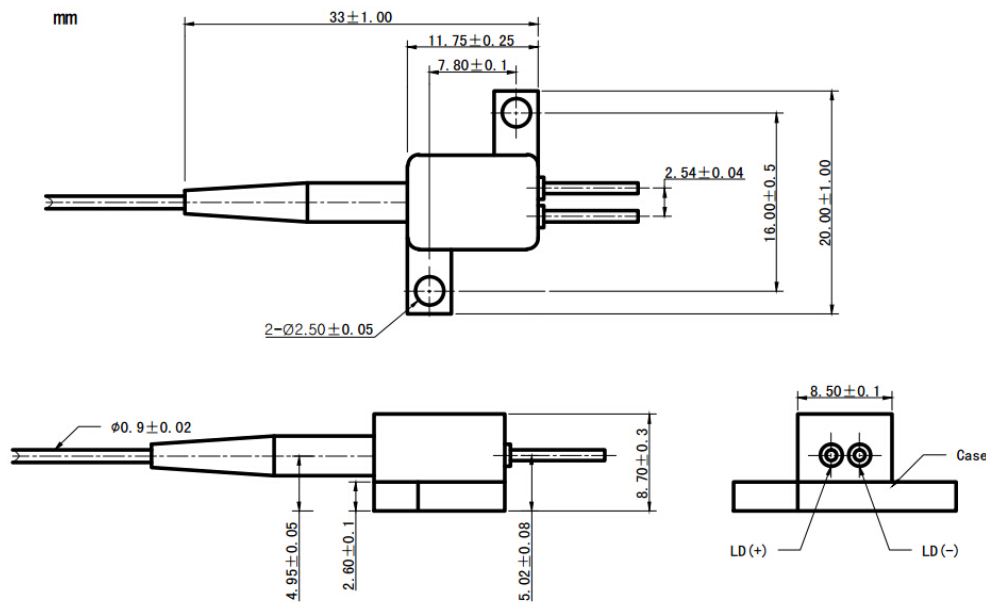
Specifications

WSLX-808-008-M-H2

	Min.	Type	Max.
Center Wavelength@25°C	±3nm	808nm	±10nm
Spectral Width (FWHM)	----	3nm	----
Output Power	7W	8W	----
Temperature Coefficient of Wavelength		0.3nm / °C	
Threshold Current (Typ.)	----	1.2A	2.0A
Operating Current (Typ.)	----	9.5A	10.0A
Operating Voltage	----	1.9V	2.3V
Slope Efficiency	----	1.0W / A	----
Fiber Core Diameter	105um (200um Optional)		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	FC (SMA905 Optional)		
Package Style	2-Pin-01		
Recommended Operating Temperature	25°C		



2-Pin-01 Package View



Wavespectrum offer **Customized 808nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as $5\text{W}@808\text{nm} + 350\text{mw}@635\text{nm}$)

Contact us with info@wavespectrum-laser.com

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.



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