

808nm~810nm 4W~4.5W Fiber Coupled Diode Laser Module with 105um Multi-mode Fiber |
808nm 4W Diode Laser Module for Medical |2-Pin Package| 105um Fiber Core| High Power LD
WSLX-808-004-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:

- 808nm
- 105um MM Fiber
- 2-Pin Package
- Aiming Beam Optional
- TEC Cooling Optional

Applications:

- Medical Laser Treatment
- Pumping
- Others



Specifications

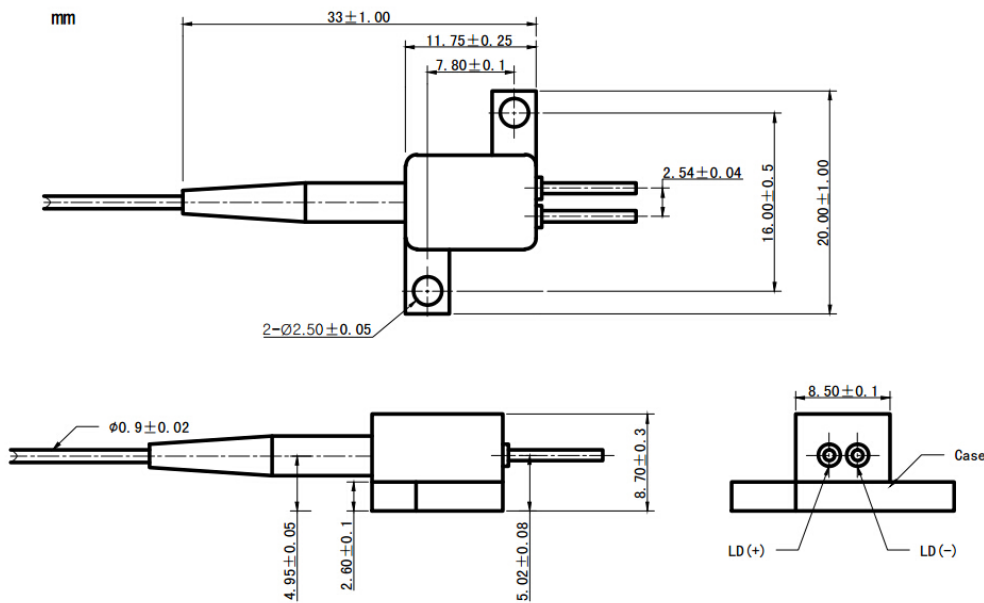
WSLX-808-004-M-H2

	Min.	Type	Max.
Center Wavelength@25°C	808nm ± 10nm		
Spectral Width (FWHM)	----	3nm	----
Output Power	4W	4.5W	----
Temperature Coefficient of Wavelength		0.3nm / °C	
Threshold Current (Typ.)		0.8A	
Operating Current (Typ.)		5.2A	
Operating Voltage		1.9V	
Slope Efficiency		1.0W / A	
Fiber Core Diameter	105um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	FC (SMA905 Optional)		
Package Style	2-Pin-01		
Recommended Operating Temperature	25°C		

Wavespectrum Laser Group
www.wavespectrum-laser.com
sales@wavespectrum-laser.com



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.



Wavespectrum Laser Group
www.wavespectrum-laser.com
sales@wavespectrum-laser.com

