

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

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

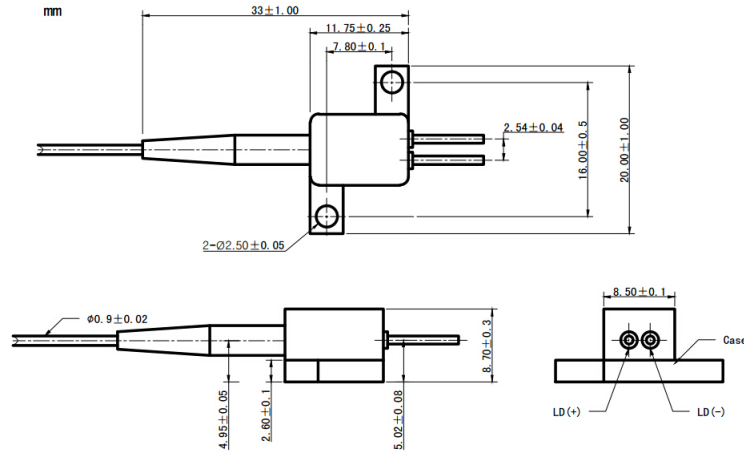


Specifications

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	100cm		
Connector Type	FC (SMA905 Optional)		
Package Style	2-Pin		
Recommended Operating Temperature	25°C		

2-Pin Package View



Customized 808nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 5w@808nm+350mw@635nm)

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

