

635nm 800mW Fiber Coupled Laser Diode with 50um Fiber | Built-in TEC cooler

635nm~638nm 800mW Pigtailed Diode Laser Module With 9-Pin HHL Package | Built-in PD

WSLX-635-800m-50M-H9-T-PD

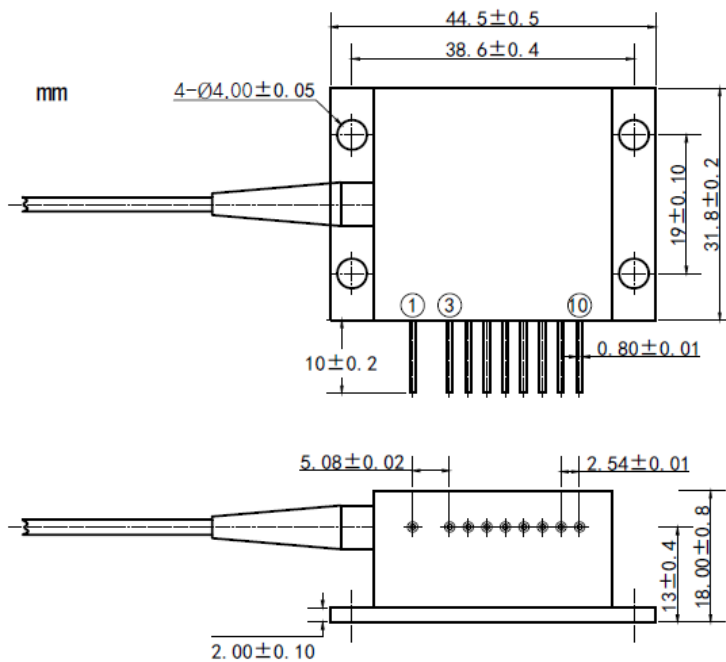
Wavespectrum Laser Group

www.wavespectrum-laser.com

635nm Pigtailed Diode Laser		800mW/MM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
MAX Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	+10 ~ +30		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features:					
638nm 9-Pin Package - Built-in TEC Cooler - Built-in Photodiode					
Applications:					
- Medical Laser Treatment - Sensor - Others					
Specifications		WSLX-635-800m-50M-H9-T-PD			
		Min	Type	Max	
Center Wavelength@25°C		630nm	638nm	645nm	
Output Power		700mW	800mW		
Spectral Width (FWHM)			2nm		
Recommended Operating Temperature		25°C			
Temperature Coefficient of Wavelength		0.2nm / °C			
Threshold Current (Typ.)			0.3A		
Operating Current (Typ.)			1.5A		
Operating Voltage			2.4V		
TEC Max Current		6A			
TEC Max Voltage		9.8V			
Thermistor		10K			
Fiber Core		50um			
N.A.		0.22			
Fiber Connector		FC/SMA905			
Fiber Length		>80cm			
Package Style		9-Pin			



9-PIN HHL Package View



PIN	FUNCTION
1	TEC (-)
2	-
3	CASE
4	LD (+)
5	THERM
6	THERM
7	LD (-)
8	PD (P)
9	PD (N)
10	TEC (+)

Wavespectrum offer **Customized 635nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 3W@635nm+12W@808nm)

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

