

635nm 1W Fiber Coupled Laser Diode with 9-Pin Package | Built-in TEC cooler

635nm~638nm 1W Pigtailed Diode Laser Module With 9-Pin HHL Package | Built-in PD

WSLX-635-001-M-H9-T-PD

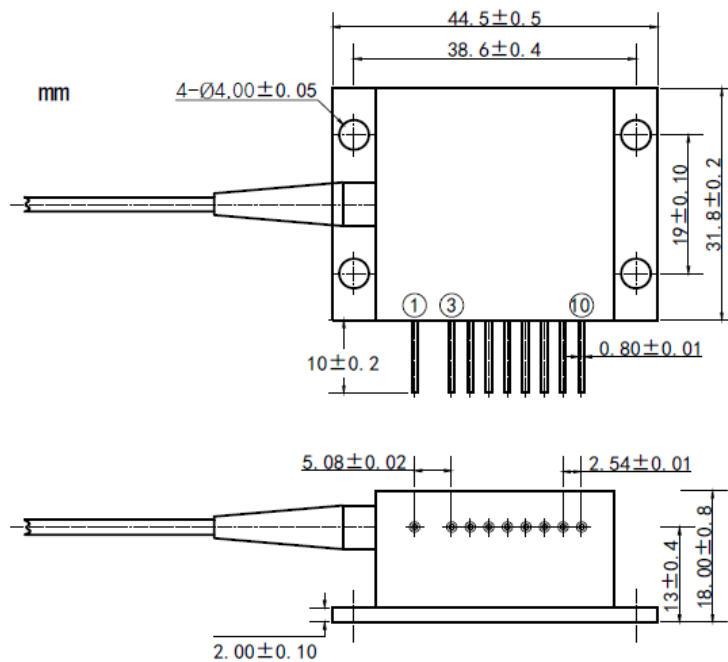
Wavespectrum Laser Group

www.wavespectrum-laser.com

635nm Pigtailed Diode Laser		1W/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-635-001-M-H9-T-PD			
	Min	Type		Max	
Center Wavelength@25℃	630nm	638nm		645nm	
Output Power	0.9W	1W			
Spectral Width (FWHM)		2nm			
Recommended Operating Temperature	25℃				
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	105um (200um Optional)				
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.



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