

633nm 1W Fiber Coupled Laser Diode with 9-Pin Package | Built-in TEC cooler

633nm~635nm 1W Pigtailed Diode Laser Module With 9-Pin HHL Package | Built-in PD

WSLX-633-001-200M-H9-T-PD

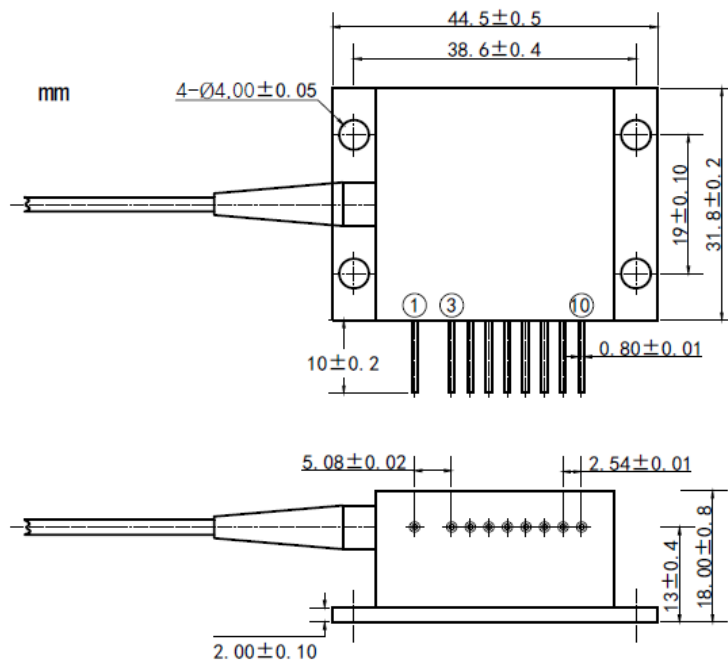
Wavespectrum Laser Group

www.wavespectrum-laser.com

633nm 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}	0 ~ +20		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 633nm 9-Pin Package Built-in TEC Cooler Built-in Photodiode					
Applications: Medical Laser Treatment Sensor Others					
Specifications		WSLX-633-001-200M-H9-T-PD			
		Min	Type	Max	
Center Wavelength@15℃		633nm±10nm			
Output Power			1W		
Spectral Width (FWHM)			2nm		
Recommended Operating Temperature		≤15℃			
Temperature Coefficient of Wavelength		0.2nm / °C			
Threshold Current (Typ.)			0.6A		
Operating Current (Typ.)			1.6A		
Operating Voltage			2.4V		
TEC Max Current		6A			
TEC Max Voltage		9.8V			
Thermistor		10K			
Fiber Core		200um (400um Optional)			
Numerical Aperture		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 633nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2W@633nm+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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