

635nm 1.8W Fiber Coupled Laser Diode with 9-Pin Package | Built-in TEC cooler

635nm~638nm 1.8W Pigtailed Diode Laser Module With 9-Pin HHL Package | Built-in PD

WSLX-635-1800m-200M-H9-T-PD

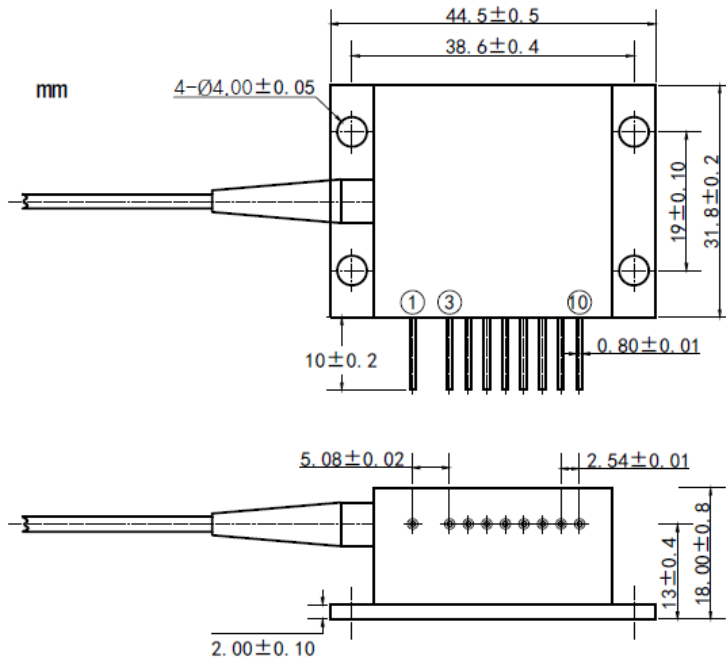
Wavespectrum Laser Group

www.wavespectrum-laser.com

635nm Pigtailed Diode Laser		1.8W/MM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V_r	2.0		V	
Operating Temperature	T_{op}	0~ +50		°C	
Storage Temperature	T_{stg}	-40~ +85		°C	
Lead soldering temperature (5 sec.)	T_{is}	260		°C	
Features: <ul style="list-style-type: none"> 635nm 9-Pin Package Built-in TEC Cooler Built-in Photodiode 					
Applications: <ul style="list-style-type: none"> Medical Laser Treatment Sensor Others 					
Specifications		WSLX-635-1800m-200M-H9-T-PD			
		Min	Type	Max	
Center Wavelength@25°C		630nm	638nm	645nm	
Output Power		----	1.8W	----	
Spectral Width (FWHM)		----	2nm	----	
Recommended Operating Temperature		25°C			
Temperature Coefficient of Wavelength		0.25nm / °C			
Threshold Current (Typ.)		----	0.5A	0.8A	
Operating Current (Typ.)		----	2.5A	2.8A	
Operating Voltage		----	2.4V	2.8V	
TEC Max Current		6A			
TEC Max Voltage		9.8V			
Thermistor		10K			
Fiber Core		200um (400um 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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