1310nm～1320nm 2W Fiber Coupled Laser Diode Module | Built-in TEC Cooler |9-Pin HHL Package

1310nm 2W|9-PIN Package| 50um Fiber Core| High Power Infrared LD | Built-in PD

WSLX-1310-002-50M-H9-T-PD **Wavespectrum Laser Group** **en.wavespectrum-laser.com.cn**

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~+30	℃
Storage Temperature	T_{stg}	-20 ~+80	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 1310nm
- Multi-mode Fiber
- 9-Pin Package
- Built-in TEC Cooler
- Built-in Photodiode

Applications:

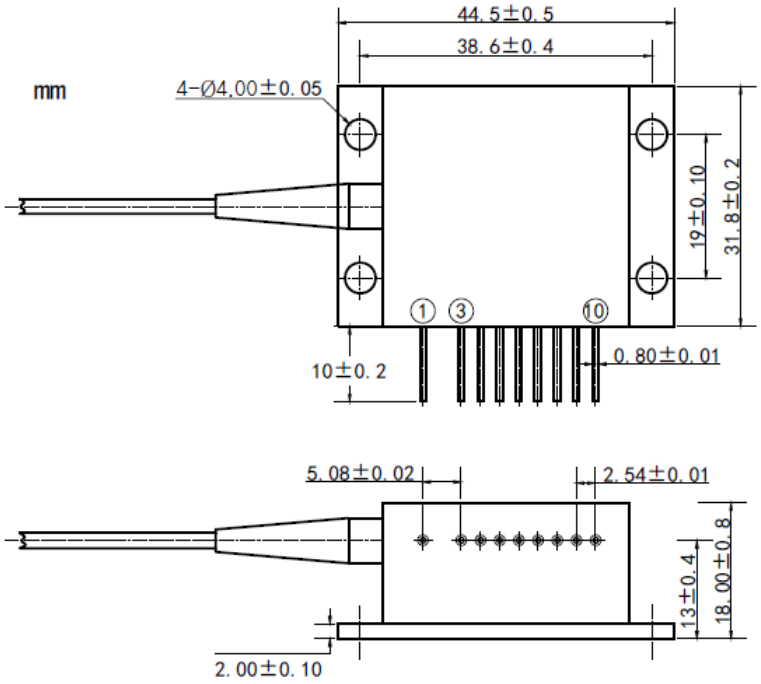
- Medical Laser Treatment
- Others



Specifications	WSLX-1310-002-50M-H9-T-PD		
	Min.	Type	Max.
Center Wavelength@25℃	1310nm±40nm		
Spectral Width (FWHM)	----	10nm	----
Output Power	1.5W	2.0W	----
Temperature Coefficient of Wavelength	----	0.7nm / °C	----
Threshold Current (Typ.)	----	0.5A	----
Operating Current (Typ.)	----	6.5A	----
Operating Voltage	----	1.6V	----
Recommended Case Temperature	25°C		
TEC Max. Current	6A		
TEC Max. Voltage	9.8V		
Thermistor	10K		
Fiber Core Diameter	50um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	SMA905/ST/FC		
Package Style	9-Pin		

Wavespectrum Laser Group
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9-Pin 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 1310nm Fiber Coupled LD.

- **Customized Output Power**
- **Customized Fiber Core**
- **Dual-Wavelength or Tri-Wavelength Module Optional(such as 2w@1310nm+350mw@635nm)**

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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