

1300nm~1310nm 2W Fiber Coupled Laser Diode Module | Built-in TEC Cooler | 9-Pin HHL Package

1300nm 2W|9-PIN Package| 50um Fiber Core| High Power Infrared LD | Built-in PD

WSLX-1300-002-50M-H9-T-PD

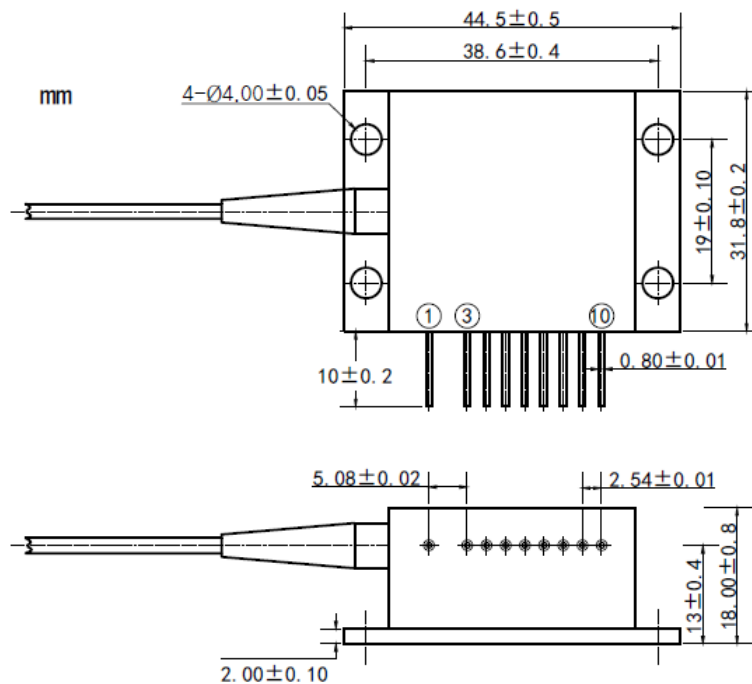
Wavespectrum Laser Group

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PARAMETER	SYMBOL	VALUE		UNIT		
Reverse Voltage	V _r	2.0		V		
Operating Temperature	T _{op}	+10 ~ +30		°C		
Storage Temperature	T _{stg}	-20 ~ +80		°C		
Lead soldering temperature (10 sec.)	T _{is}	260		°C		
Features: 1300nm Multi-mode Fiber 9-Pin Package Built-in TEC Cooler Built-in Photodiode						
					Applications: Medical Laser Treatment Others	
Specifications		WSLX-1300-002-50M-H9-T-PD				
		Min.	Type	Max.		
Center Wavelength@25°C		1300nm±50nm				
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				



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 1300nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 2w@1300nm + 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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