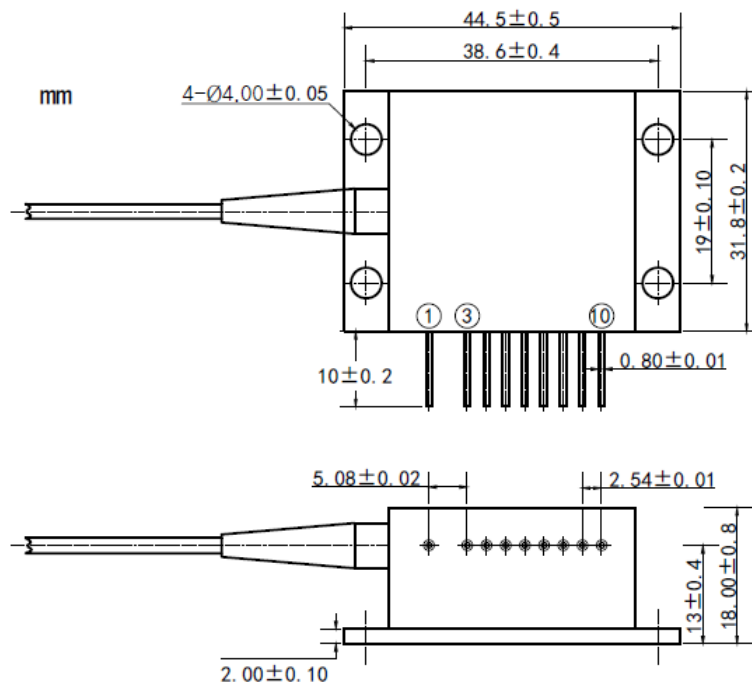


1300nm~1310nm 2W Fiber Coupled Laser Diode Module | Built-in TEC Cooler | 9-Pin HHL Package
 1300nm 2W|9-PIN Package| 105um 200um 400um Fiber Core| High Power Infrared LD | Built-in PD
 WSLX-1300-002-M-H9-T-PD Wavespectrum Laser Group en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V _r	2.0		V	
Operating Temperature	T _{op}	+10 ~ +30		°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-M-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		105um			
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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