

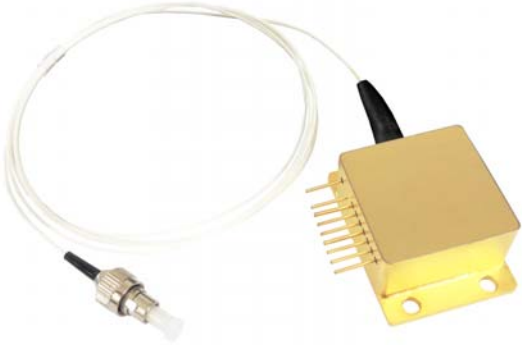
685nm 1.5W Fiber Coupled Laser Diode Module with TEC cooler | Built-in Photodiode

680nm~685nm Red Laser Module with 9-Pin Package| 200um Fiber Core | 1.5W Output Power

WSLX-685-1500m-200M-H9-T-PD

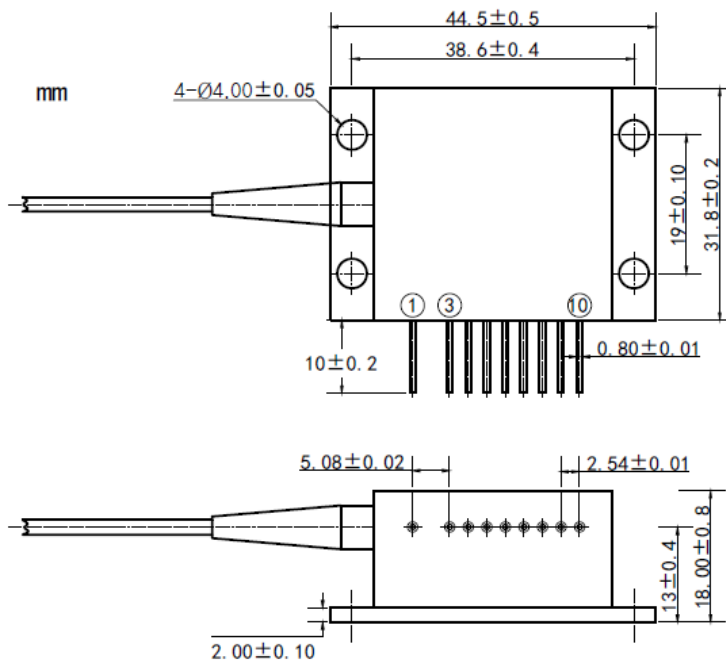
Wavespectrum Laser Group

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: 685nm 9-Pin Package - Built-in TEC cooler - Built-in PD Applications: - Medical Laser Treatment - Laser Show - Others				
Specifications		WSLX-685-1500m-200M-H9-T-PD		
		Min	Type	Max
Center Wavelength@25°C		685nm±10nm		
Spectral Width (FWHM)		----	5nm	----
Output Power		----	1.5W	----
Temperature Coefficient of Wavelength		----	0.2nm / °C	----
Threshold Current (Typ.)		----	0.4A	----
Operating Current (Typ.)		----	1.1A	----
Operating Voltage		----	4.8V	----
Recommended Case Temperature		25°C		
TEC Max. Current		6A		
TEC Max. Voltage		9.8V		
Fiber Core Diameter		200um		
Fiber Numerical Aperture		0.22		
Fiber Length		>80cm		
Connector Type		SMA905 / FC		
Package Style		9-Pin Package		



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 685nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2w@685nm+10w@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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