

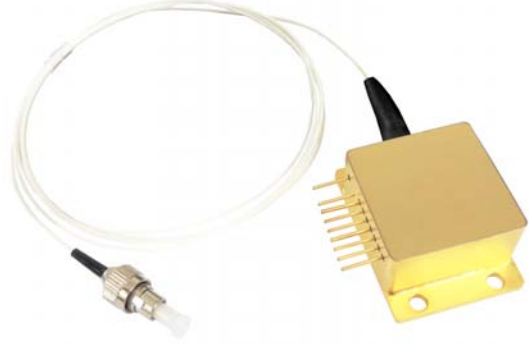
690nm 1.5W Fiber Coupled Laser Diode Module with TEC cooler | Built-in Photodiode

685nm~690nm Red Laser Module with 9-Pin Package| 200um Fiber Core | 1.5W Output Power

WSLX-690-1500m-200M-H9-T-PD

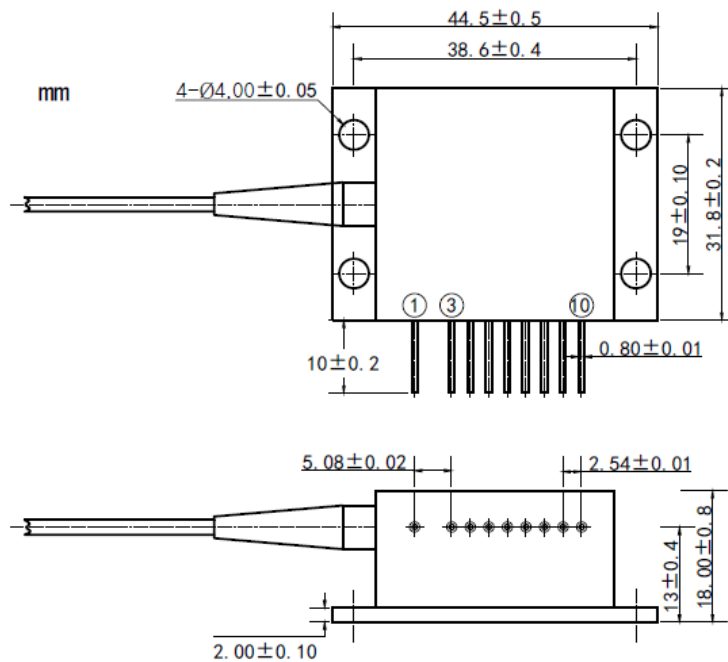
Wavespectrum Laser Group

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: 690nm 9-Pin Package - Built-in TEC cooler - Built-in PD Applications: - Medical Laser Treatment - Laser Show - Others			
Specifications		WSLX-690-1500m-200M-H9-T-PD	
	Min	Type	Max
Center Wavelength@25°C	690nm ± 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 690nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2w@690nm+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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