

680nm~685nm 1W Fiber Coupled Laser Diode Module with TEC cooler | Built-in Photodiode
 680nm Red Laser Module with 9-Pin Package| 200um, 400um Fiber Core | 1W Output Power
 WSLX-680-001-200M-H9-T-PD Wavespectrum Laser Group www.wavespectrum-laser.com

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

Features:

- 680nm
- 9-Pin Package
- Built-in TEC cooler
- Built-in PD

Applications:

- Medical Laser Treatment
- Laser Show
- Others



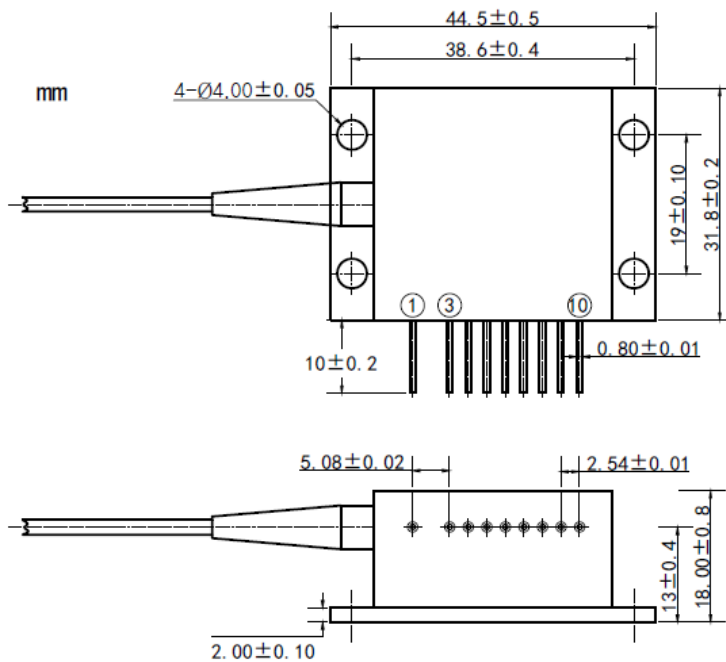
Specifications

WSLX-680-001-200M-H9-T-PD

	Min	Type	Max
Center Wavelength@18°C	680nm±10nm		
Spectral Width (FWHM)	----	5nm	----
Output Power	----	1W	----
Temperature Coefficient of Wavelength	----	0.2nm / °C	----
Threshold Current (Typ.)	----	0.4A	0.6A
Operating Current (Typ.)	----	1.0A	1.2A
Operating Voltage	----	4.6V	5.4V
Recommended Case Temperature	≤18°C		
TEC Max. Current	6A		
TEC Max. Voltage	9.8V		
Fiber Core Diameter	200um (400um Optional)		
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 (+)

Electrically shorten LD module and store in non-extreme conditions.
 Suggest using the constant current power supply.

Wavespectrum offer **Customized 680nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
 (such as 2W@680nm+ 10w@808nm)

Contact us with info@wavespectrum-laser.com

