

655nm 2W Fiber Coupled Laser Diode Module with TEC cooler | Built-in Photodiode
650nm~655nm Red Laser Module with 9-Pin Package | 200um Fiber Core | 2W Output Power
WSLX-655-002-200M-H9-T-PD
Wavespectrum Laser Group
en.wavespectrum-laser.com

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:

- 655nm
- 9-Pin Package
- Built-in TEC cooler
- Built-in PD

Applications:

- Medical Laser Treatment
- Laser Show
- Others

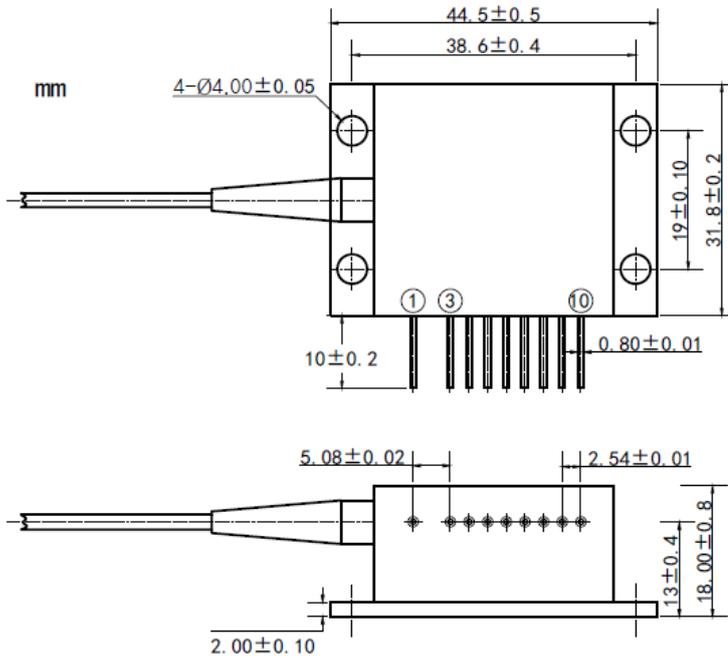

Specifications
WSLX-655-002-200M-H9-T-PD

	Min	Type	Max
Center Wavelength@25°C	655nm ± 10nm		
Spectral Width (FWHM)	----	5nm	----
Output Power	----	2W	----
Temperature Coefficient of Wavelength	----	0.2nm / °C	----
Threshold Current (Typ.)	----	0.5A	1.2A
Operating Current (Typ.)	----	1.8A	2.0A
Operating Voltage	----	4.4V	5.2V
Recommended Case Temperature	25°C		
TEC Max. Current	6A		
TEC Max. Voltage	9.8V		
Thermistor	10K		
Fiber Core Diameter	200um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	SMA905/FC		
Package Style	9-Pin Package		

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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 655nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 2w@655nm+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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