633nm 700mW Fiber Coupled Laser Diode with 9-Pin Package | Built-in TEC cooler

633nm～635nm 700mW Pigtailed Diode Laser Module With 9-Pin HHL Package | Built-in PD

WSLX-633-700m-M-H9-T-PD Wavespectrum Laser Group www.wavespectrum-laser.com

633nm Pigtailed Diode Laser 0.7W/MM Fiber en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	0～+20	℃
Storage Temperature	T_{stg}	-40～+85	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

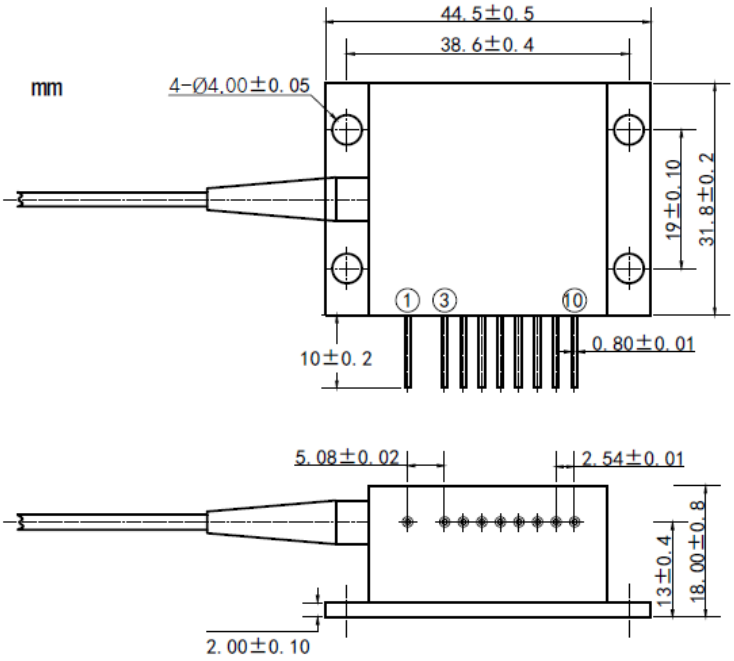
- 633nm
- 9-Pin Package
- Built-in TEC Cooler
- Built-in Photodiode

Applications:

- Medical Laser Treatment
- Sensor
- Others

Specifications	WSLX-633-700m-M-H9-T-PD		
	Min	Type	Max
Center Wavelength@15℃	633nm±5nm		
Output Power		700mW	
Spectral Width (FWHM)		2nm	
Recommended Operating Temperature	≤15℃		
Temperature Coefficient of Wavelength	0.2nm / °C		
Threshold Current (Typ.)		0.3A	
Operating Current (Typ.)		1.1A	
Operating Voltage		2.6V	
TEC Max Current	6A		
TEC Max Voltage	9.8V		
Thermistor	10K		
Fiber Core	105um (200um Optional)		
N.A.	0.22		
Fiber Connector	FC/SMA905		
Fiber Length	＞80cm		
Package Style	9-Pin		

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 633nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
  (such as 2W@633nm+12W@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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