

488nm~490nm 20mW Single Mode Pigtailed Diode Laser With TEC Cooler | Built-in Photodiode Optional
488nm 20mW | 8-Pin HHL Package| 3um Single mode Fiber| Diode Laser | Built-in TEC Cooling
WSLX-488-020m-4-H8-T **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10 ~ +60	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features:

- 488nm
- 8-Pin Package
- Built-in TEC Cooling
- Built-in PD Optional

Applications:

- Medical Laser Treatment
- Others

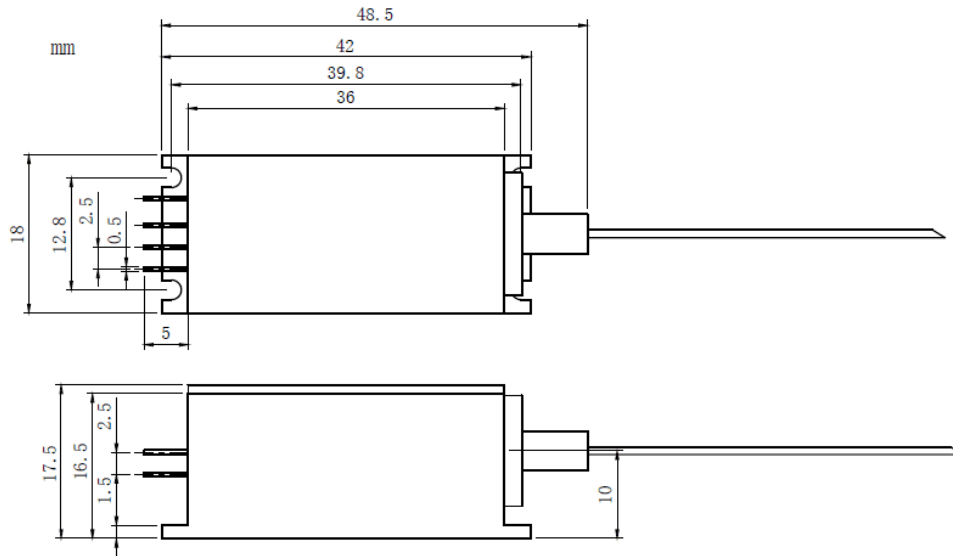


Specifications	WSLX-488-020m-4-H8-T		
	Min.	Type	Max.
Center Wavelength@25°C	480nm	488nm	495nm
Spectral Width (FWHM)	----	2nm	----
Output Power	----	20mW	----
Recommended Operating Temperature	25 °C		
Threshold Current (Typ.)	----	35mA	65mA
Operating Current (Typ.)	----	140mA	160mA
Operating Voltage	----	6.5V	8.0V
Monitor Current	----	----	----
TEC Max Current	1.3A		
TEC Max Voltage	4.0V		
Thermistor	10K		
Fiber Type	Single Mode Fiber		
Fiber Core	3um		
Fiber Length	>80cm		
Connector Type	FC/SC/SMA905		
Package Style	8-PIN		

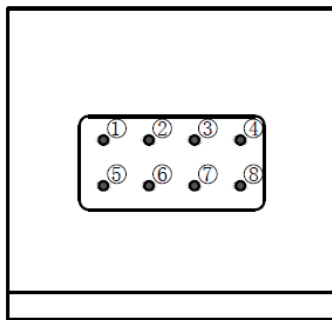
Wavespectrum Laser Group
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8-Pin Package View:



Pin Out:



PIN	FUNCTION	PIN	FUNCTION
1	RT	5	NC
2	LD (-)	6	NC
3	LD (+)	7	TEC (-)
4	RT	8	TEC (+)

Wavespectrum offer **Customized 488nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 20mW@488nm + 10W@980nm)

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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