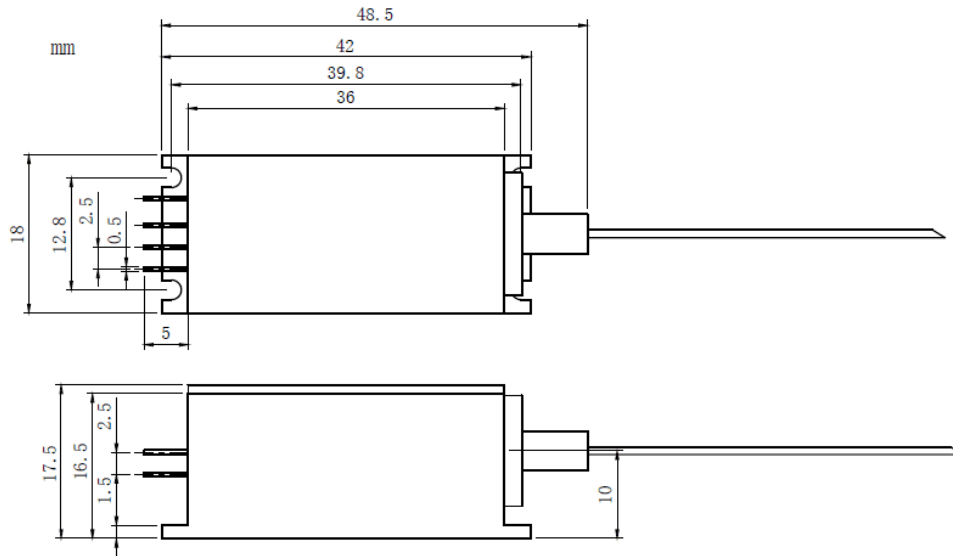


492nm~495nm 50mW Fiber Coupled Diode Laser With TEC Cooler | Built-in Photodiode Optional
495nm 50mW |8-Pin HHL Package| Multi-mode Fiber| Blue Diode Laser | Built-in TEC Cooling | High Stability
WSLX-495-050m-M-H8-T Wavespectrum Laser Group en.wavespectrum-laser.com.cn

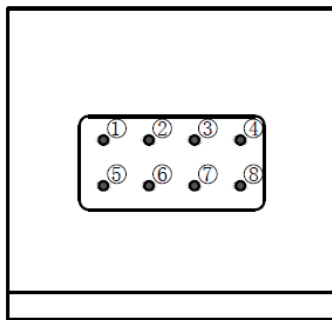
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10 ~ +30	°C
Storage Temperature	T_{stg}	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: 495nm 8-Pin Package Built-in TEC Cooling Built-in PD Optional Applications: Medical Laser Treatment Others			
			
Specifications	WSLX-495-050m-M-H8-T		
	Min.	Type	Max.
Center Wavelength@25°C	495nm±10nm		
Spectral Width (FWHM)	----	2nm	----
Output Power	----	50mW	----
Recommend Operating Temperature	25 °C		
Threshold Current (Typ.)	----	20mA	60mA
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 Core Diameter	105um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	FC/SC/SMA905		
Package Style	8-PIN		



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 495nm Fiber Coupled LD**.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 20mW@495nm + 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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