

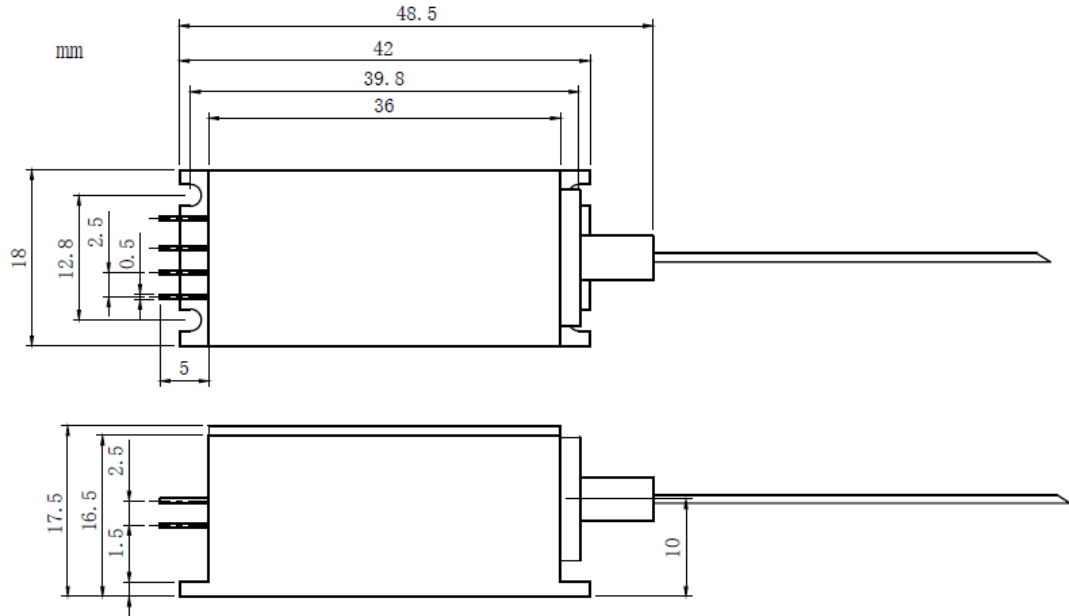
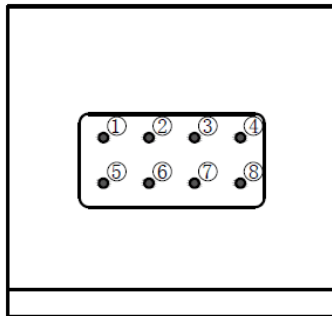
445nm~450nm 15mW Single Mode Pigtailed Diode Laser With TEC Cooler | Built-in Photodiode Optional
445nm 15mW~20mW |8-Pin HHL Package| 3um Single mode Fiber| Blue Diode Laser | Built-in TEC Cooling
WSLX-445-015m-4-H8-T **Wavespectrum Laser Group** **en.wavespectrum-laser.com.cn**

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: <ul style="list-style-type: none"> ● 450nm ● 8-Pin Package ● Built-in TEC Cooling ● Built-in PD Optional 	
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Others 	

Specifications	WSLX-445-015m-4-H8-T		
	Min.	Type	Max.
Center Wavelength@25°C	440nm	450nm	460nm
Spectral Width (FWHM)	----	2nm	----
Output Power	----	15mW	----
Recommended Operating Temperature	25 °C		
Threshold Current (Typ.)	----	20mA	60mA
Operating Current (Typ.)	----	120mA	140mA
Operating Voltage	----	6.0V	7.0V
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		



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 445nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 3W@445nm+ 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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