

473nm~480nm 10mW Single Mode Pigtailed Diode Laser With TEC Cooler | Built-in Photodiode Optional
 473nm 10mW~15mW | 8-Pin HHL Package| 3um Single mode Fiber| Diode Laser | Built-in TEC Cooling
 WSLX-473-010m-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 ~ +30	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

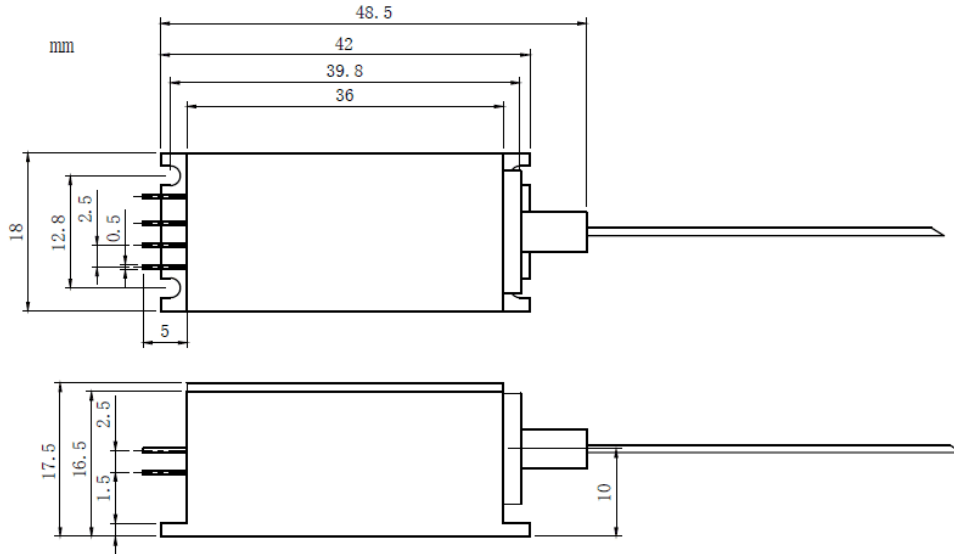
Features: <ul style="list-style-type: none"> ● 473nm ● 8-Pin Package ● Built-in TEC Cooling ● Built-in PD Optional 	
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Others 	

Specifications	WSLX-473-010m-4-H8-T		
	Min.	Type	Max.
Center Wavelength@25°C	473nm±10nm		
Spectral Width (FWHM)	----	2nm	----
Output Power	----	10mW	----
Recommended Operating Temperature	25 °C		
Threshold Current (Typ.)	----	25mA	60mA
Operating Current (Typ.)	----	110mA	130mA
Operating Voltage	----	6.5V	7.5V
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		

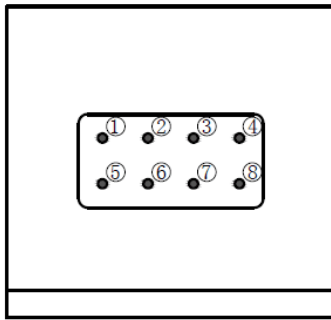
Wavespectrum Laser Group
 www.wavespectrum-laser.com
 sales@wavespectrum-laser.com



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 473nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 20mW@473nm+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.



Wavespectrum Laser Group
www.wavespectrum-laser.com
sales@wavespectrum-laser.com

