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 en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10~+30	℃
Storage Temperature	T_{stg}	-20 ~+80	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 473nm
- 8-Pin Package
- Built-in TEC Cooling
- Built-in PD Optional

Applications:

- Medical Laser Treatment
- Others

Specifications	WSLX-473-010m-4-H8-T		
	Min.	Type	Max.
Center Wavelength@25℃	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
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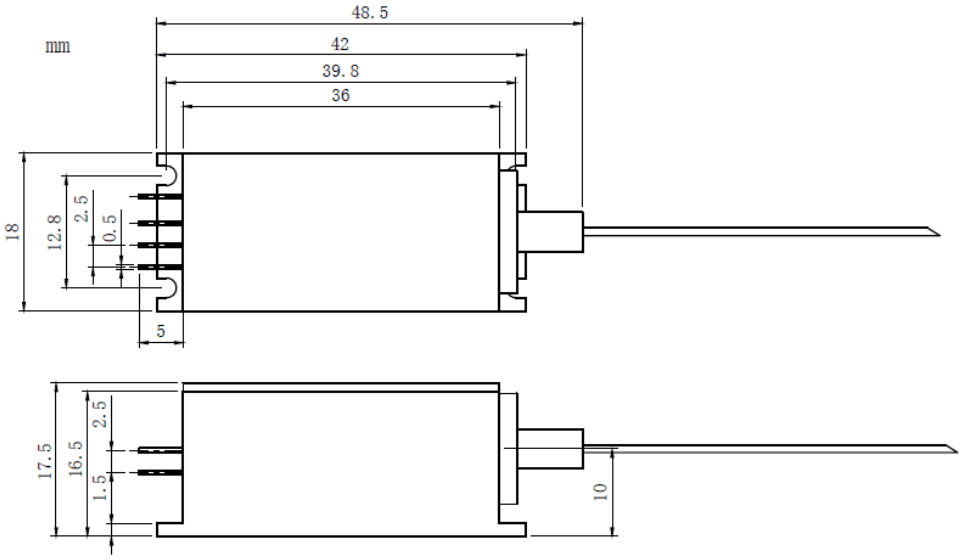
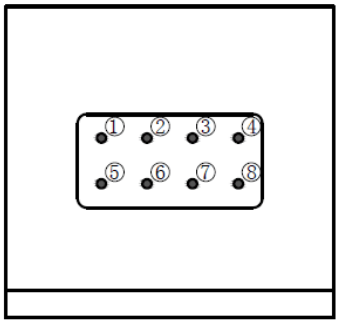
8-Pin Package View:



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 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.

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