

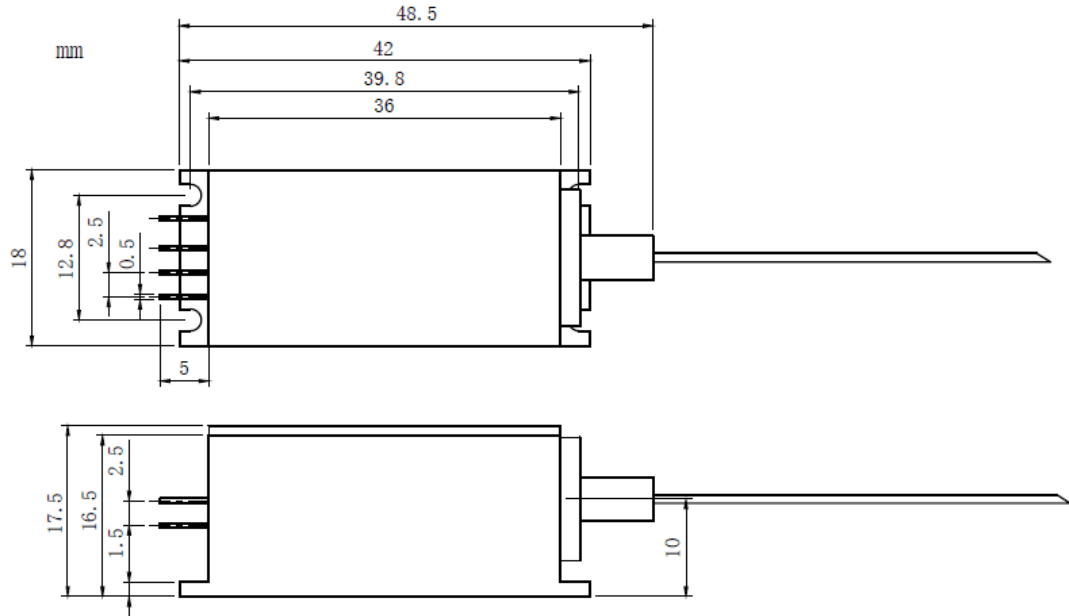
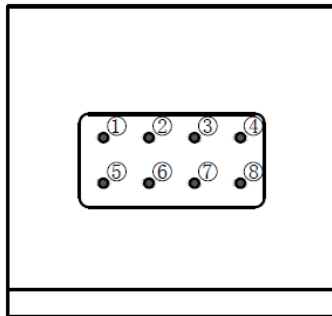
405nm 40mW~50mW Single Mode Pigtailed Diode Laser With TEC Cooler | Built-in Photodiode Optional
405nm 40mW |8-Pin HHL Package| 3um UV Single mode Fiber| Violet Diode Laser | Built-in TEC Cooling
WSLX-405-040m-4-H8-T **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+70	°C
Storage Temperature	T_{stg}	-40~+80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

Features: <ul style="list-style-type: none"> ● 405nm ● 8-Pin Package ● Built-in TEC Cooling ● Built-in PD Optional 	
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Others 	

Specifications	WSLX-405-040m-4-H8-T		
	Min.	Type	Max.
Center Wavelength@25°C	±5nm	405nm	±10nm
Spectral Width (FWHM)	----	2nm	----
Output Power	----	40mW	----
Recommend Operating Temperature	25 °C		
Threshold Current (Typ.)	----	40mA	80mA
Operating Current (Typ.)	----	120mA	140mA
Operating Voltage	----	5.0V	6.0V
Monitor Current	----	----	----
TEC Max Current	1.3A		
TEC Max Voltage	4.0V		
Thermistor	10K		
Fiber Type	UV 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 405nm Fiber Coupled LD.

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional
(such as 1W@405nm+ 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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