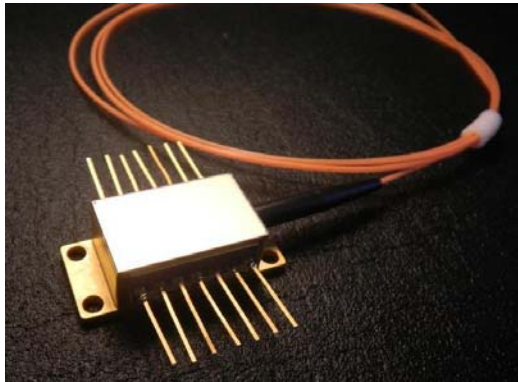


**405nm 10mW~15mW SM Butterfly (BTF) Package Pigtailed Laser Diode with SMF | Built-in TEC cooler**  
**405nm 15mW Single Mode Fiber Coupled LD with 14-Pin package | Violet Diode Laser Module**  
**WSLX-405-015m-4-T**                      **Wavespectrum Laser Group**                      **www.wavespectrum-laser.com**

[en.wavespectrum-laser.com.cn](http://en.wavespectrum-laser.com.cn)

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	0~+70	°C
Storage Temperature	$T_{stg}$	-40~+80	°C
Lead soldering temperature (5 sec.)	$T_{is}$	250	°C

- Features:**
- 405nm
  - With SM Fiber
  - 14-Pin Package
  - Built-in TEC Cooler
- Applications:**
- Medical laser treatment
  - Sensor
  - Others

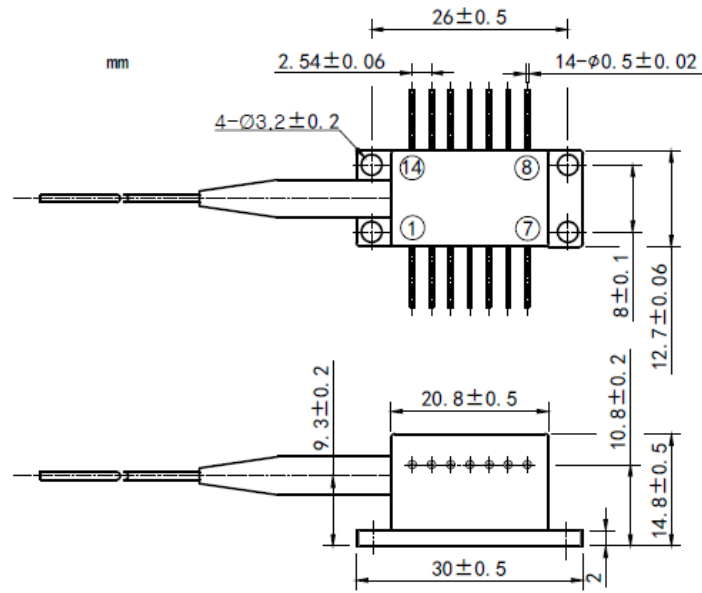


Specifications	WSLX-405-015m-4-T		
	Min	Type	Max
Center Wavelength@25°C	400nm	405nm	410nm
Recommend Operating Temperature	25°C		
Output Power	10mW	15mW	----
Fiber Type	Single Mode Fiber		
Fiber Core	3um		
Threshold Current (Typ.)	----	35mA	55mA
Operating Current (Typ.)	----	125mA	140mA
Operating Voltage	----	4.8V	5.5V
TEC Max Current	1.8A		
TEC Max Voltage	2.5V		
Thermistor	10K		
Fiber Connector	FC/SMA905		
Fiber Length	80cm		
Package Style	14-Pin		

Wavespectrum Laser Group  
[www.wavespectrum-laser.com](http://www.wavespectrum-laser.com)  
[sales@wavespectrum-laser.com](mailto:sales@wavespectrum-laser.com)



### 14-Pin Package View



### Pin Out:

PIN	FUNCTION	PIN	FUNCTION
1	TEC(+)	14	TEC(-)
2	THERMISTOR	13	CASE
3	NC	12	NC
4	NC	11	LD(-)
5	THERMISTOR	10	LD(+)
6	NC	9	NC
7	NC	8	NC

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

