

**405nm 200mW~250mW Pigtailed LD with 50um Fiber | Violet Laser Diode Module**
**405nm 200mW High Power Fiber coupled Diode Laser Module with Coaxial package**


WSLP-405-200m-50M

Wavespectrum laser Group.

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

<b>405nm Pigtailed Diode Laser</b>	<b>200mW/MM Fiber</b>	<b>en.wavespectrum-laser.com.cn</b>
------------------------------------	-----------------------	-------------------------------------

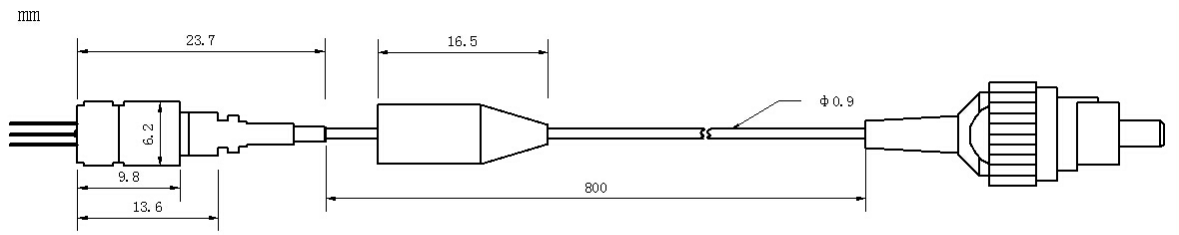
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	0~+50	°C
Storage Temperature	$T_{stg}$	-40~+85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C

<b>Features:</b> <ul style="list-style-type: none"> <li> 405nm</li> <li> UV Fiber</li> <li> Coaxial or Receptacle package</li> <li> CW or Pulsed Mode</li> </ul>	
<b>Applications:</b> <ul style="list-style-type: none"> <li> Medical laser treatment</li> <li> Printing</li> <li> others</li> </ul>	

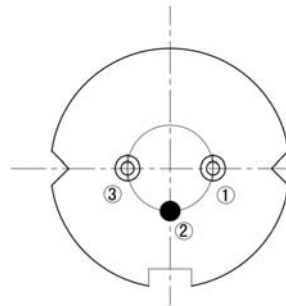
Specifications	WSLP-405-200m-50M		
	Min	Type	Max
Center Wavelength@25°C	±3nm	405nm	±10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	200mW	----
Fiber Type	UV Multi-mode Fiber		
Fiber Core	50um		
Recommend Operating Temperature	25°C		
Fiber Connector	FC/SC/SMA905		
Fiber Length	80cm		
Threshold Current (Typ.)	----	140mA	180mA
Operating Current (Typ.) For CW Mode	----	350mA	400mA
Operating Voltage	----	4.8V	5.5V
Package	Coaxial or Receptacle		



### Coaxial Package View



### PIN Bottom View:



1	LD(+)
2	GND
3	LD(-)

Electrically shorten LD module and store in non-extreme conditions.  
 Suggest using the constant current power supply.



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

