


**405nm 10mW~15mW Single Mode Coaxial Pigtailed Laser Diode Module | Violet LD Module**

**405nm 15mW SM Fiber Coupled Diode Laser Module | Single Transverse Mode | UV Fiber**

WSLP-405-015m-4

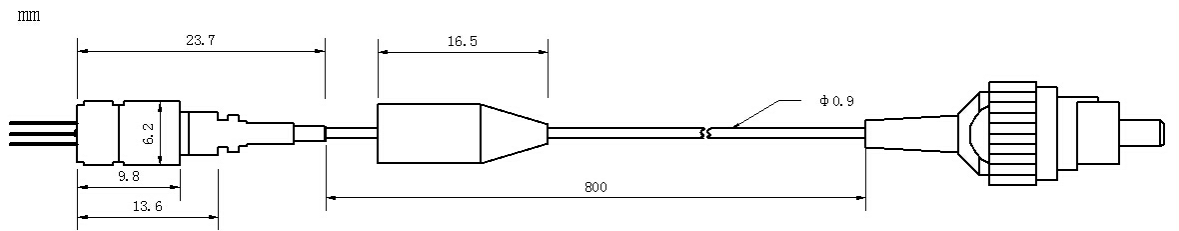
Wavespectrum Laser Group

www.wavespectrum-laser.com

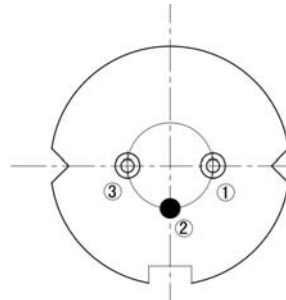
405nm Pigtailed Diode Laser		15mW/SMF		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE	UNIT		
Reverse Voltage	$V_r$	5.0	V		
Operating Temperature	$T_{op}$	0~+70	°C		
Storage Temperature	$T_{stg}$	-40~+85	°C		
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C		
<b>Features:</b> <ul style="list-style-type: none"> <li>● 405nm</li> <li>● 3um SM Fiber</li> <li>● Coaxial Package</li> </ul>					
<b>Applications:</b> <ul style="list-style-type: none"> <li>● Medical laser treatment</li> <li>● Printing</li> <li>● Others</li> </ul>					
<b>Specifications</b>	<b>WSLP-405-015m-4</b>				
	Min	Type	Max		
Center Wavelength@25°C	400nm	405nm	410nm		
Spectral Width (FWHM)	----	2.0nm	----		
Output Power	10mW	15mW	----		
Fiber Type	UV Single Mode Fiber				
Fiber Core	3um				
Recommend Operating Temperature	25°C				
Monitor Current	----	----	----		
PD Reverse Voltage	----	----	----		
Fiber Connector	FC/SC/SMA905				
Fiber Length	----	80cm	100cm		
Threshold Current (Typ.)	----	35mA	55mA		
Operating Current (Typ.)	----	125mA	140mA		
Operating Voltage	----	4.6V	5.5V		
Package Style	Coaxial				



### 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.

