


**405nm 700mW~800mW High Power Fiber Coupled LD| TEC Cooling Optional | Coaxial Package**  
**405nm~410nm Pigtailed Laser Diode| 105um 200um 400um MM Fiber| Violet Diode Laser Module**  
**WSLP-405-700m-105M**                      Wavespectrum Laser Group                      www.wavespectrum-laser.com

**405nm Pigtailed Diode Laser**                      **700mW/MM Fiber**                      **en.wavespectrum-laser.com.cn**

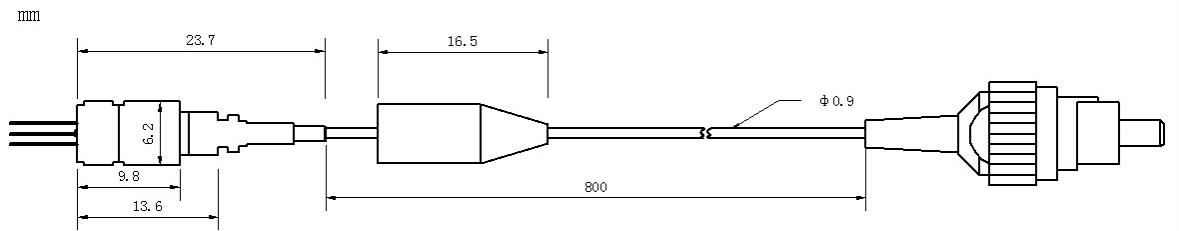
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	5.0	V
Operating Temperature	$T_{op}$	0~+30	°C
Storage Temperature	$T_{stg}$	-40~+85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	250	°C

<b>Features:</b> <ul style="list-style-type: none"> <li><span style="color: yellow;">●</span> 405nm</li> <li><span style="color: yellow;">●</span> Coaxial Package</li> <li><span style="color: yellow;">●</span> TEC Cooling Optional</li> <li><span style="color: yellow;">●</span> Photodiodes Optional</li> </ul>	
<b>Applications:</b> <ul style="list-style-type: none"> <li><span style="color: yellow;">●</span> Medical laser treatment</li> <li><span style="color: yellow;">●</span> Printing</li> <li><span style="color: yellow;">●</span> Others</li> </ul>	

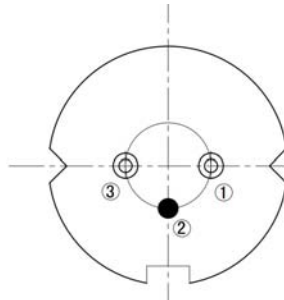
Specifications	WSLP-405-700m-105M		
	Min	Type	Max
Center Wavelength@25°C	400nm	405nm	410nm
Spectral Width (FWHM)	----	3.0nm	----
Output Power	----	700mW	----
Fiber Type	UV MM Fiber		
Fiber Core	105um (200um ,400um Optional)		
Recommended Operating Temperature	25°C		
Fiber Connector	FC/ST/SMA905		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	----	300mA	400mA
Operating Current (Typ.)	----	1.1A	1.3A
Operating Voltage	----	4.8V	5.5V
Package Style	Coaxial		
Built-in Photodiode	Optional		
Built-in TE Cooling	Optional		



### 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.

