

**488nm~490nm 15mW Single Mode Coaxial Package Fiber Coupled Laser Diode Module**
**485nm~488nm~492nm SM Pigtailed LD with 3um Single Mode Fiber (SM Fiber)**

WSLP-488-015m-4

Wavespectrum Laser Group

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

<b>488nm Pigtailed Diode Laser</b>	<b>15mW/SMF</b>	<b>en.wavespectrum-laser.com.cn</b>
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PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	-10~+60	°C
Storage Temperature	$T_{stg}$	-40~+85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C

**Features:**

- 488nm Diode Laser
- 3um SM Fiber
- B82 Package
- High Stability

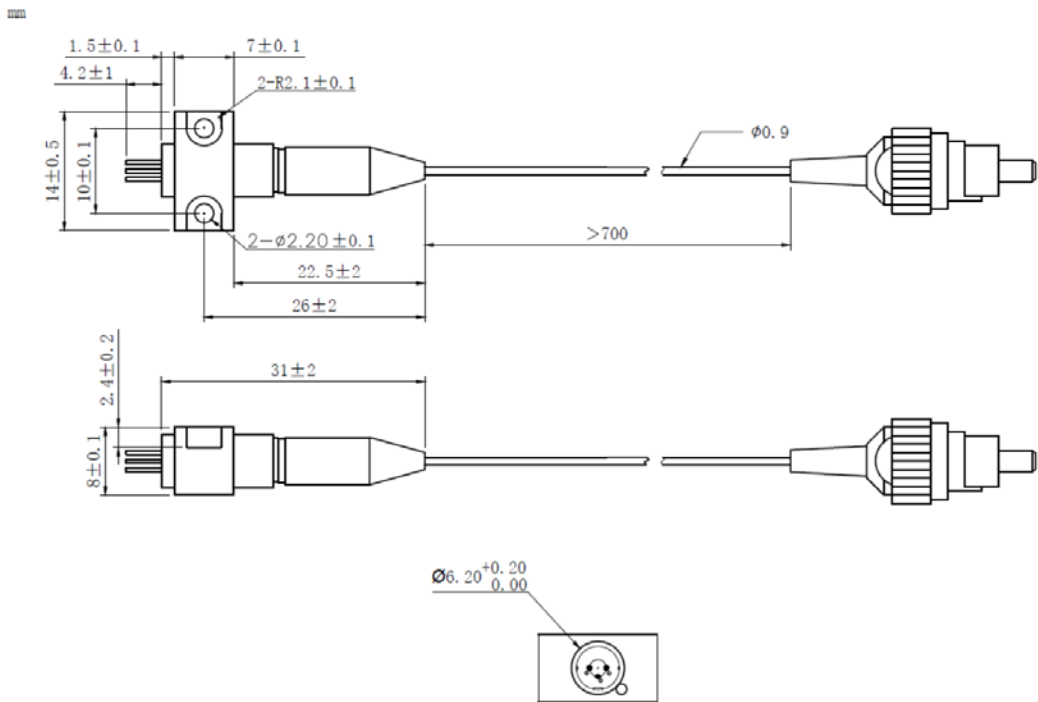
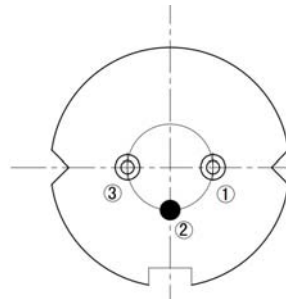
**Applications:**

- Medical Laser Treatment
- Biotechnology
- Others


**Specifications**
**WSLP-488-015m-4**

	Min	Type	Max
Center Wavelength@25°C	480nm	488nm	495nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	15mW	----
Fiber Type	Single Mode Fiber		
Fiber Core	3um		
Recommend Operating Temperature	25°C		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	----	30mA	60mA
Operating Current (Typ.)	----	105mA	125mA
Operating Voltage	----	6.5V	7.5V
Package Style	B82		
Fiber Connector	FC/SC/SMA905		
Photodiode	Without		



**B82 Package View:**

**PIN Bottom View:**


<b>1</b>	<b>LD(+)</b>
<b>2</b>	<b>GND</b>
<b>3</b>	<b>LD(-)</b>

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

