
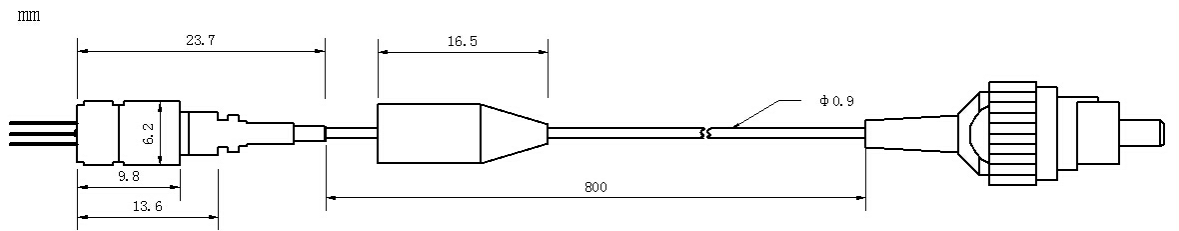


**520nm 20mW~30mW Green Laser Module | SM Coaxial Fiber Coupled Laser Diode with PMF**  
**515nm~520nm~530nm SM Pigtailed LD with Polarization Maintaining Fiber (PM Fiber)**  
 WSLP-520-030m-PM Wavespectrum Laser Group [www.wavespectrum-laser.com](http://www.wavespectrum-laser.com)

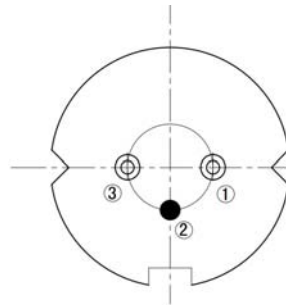
| 520nm Pigtailed Diode Laser  |  | 30mW/PM Fiber |         | Wavespectrum Laser Group |  |
|--|--|---------------|---------|--------------------------|--|
| PARAMETER  | SYMBOL   | VALUE         | UNIT    |                          |  |
| Reverse Voltage  | $V_r$  | 2.0           | V       |                          |  |
| Operating Temperature  | $T_{op}$   | -10~+60       | °C      |                          |  |
| Storage Temperature  | $T_{stg}$  | -40 ~ +85     | °C      |                          |  |
| Lead soldering temperature (10 sec.)   | $T_{is}$   | 260           | °C      |                          |  |
| <b>Features:</b> <ul style="list-style-type: none"> <li>● 520nm Green Diode Laser</li> <li>● 3um PM Fiber</li> <li>● Coaxial package</li> <li>● PD Optional</li> </ul> |  |               |         |                          |  |
| <b>Applications:</b> <ul style="list-style-type: none"> <li>● Medical laser treatment</li> <li>● Others</li> </ul>   |  |               |         |                          |  |
| <b>Specifications</b>  | <b>WSLP-520-030m-PM</b>  |               |         |                          |  |
|  | Min  | Type          | Max     |                          |  |
| Center Wavelength@25°C   | +/-5nm   | 520nm         | +/-10nm |                          |  |
| Spectral Width (FWHM)  | ----   | 2.0nm         | ----    |                          |  |
| Output Power   | 20mW   | ----          | 30mW    |                          |  |
| Fiber Type   | Polarization Maintaining Fiber   |               |         |                          |  |
| Fiber Core   | 3um  |               |         |                          |  |
| Recommend Operating Temperature  | 25°C   |               |         |                          |  |
| Fiber Connector  | FC   |               |         |                          |  |
| Fiber Length   | ----   | 80cm          | 100cm   |                          |  |
| Threshold Current (Typ.)   | ----   | 55mA          | 75mA    |                          |  |
| Operating Current (Typ.)   | ----   | 160mA         | 180mA   |                          |  |
| Operating Voltage  | ----   | 7.5V          | 8.0V    |                          |  |
| Package Style  | Coaxial  |               |         |                          |  |
| Photodiode   | 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.

