
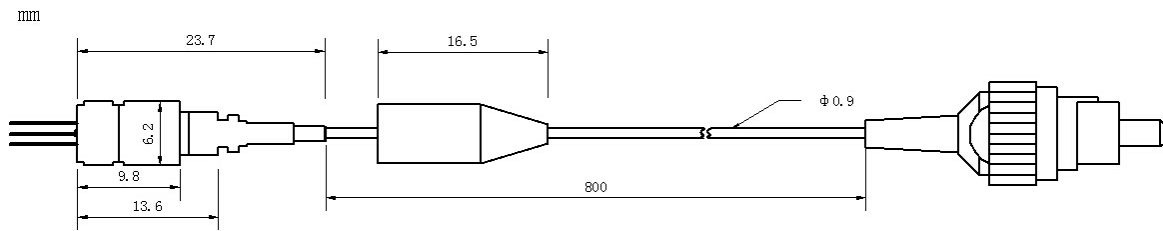


**520nm 400mW~500mW Fiber Coupled LD| Green Laser Diode Module| HHL Package Optional**  
**515nm~520nm 500mW Pigtailed Laser Diode| 105um 200um 400um MM Fiber| PD Optional**  
**WSLP-520-500m-M**                      **Wavespectrum Laser Group**                      **www.wavespectrum-laser.com**

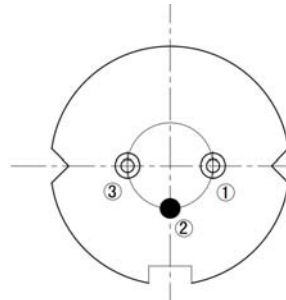
520nm Pigtailed Diode Laser		500mW/MM Fiber		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE	UNIT		
Reverse Voltage	$V_r$	5.0	V		
Operating Temperature	$T_{op}$	0~+50	°C		
Storage Temperature	$T_{stg}$	-40~+85	°C		
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C		
<b>Features:</b> <ul style="list-style-type: none"> <li>● 520nm</li> <li>● Coaxial Package</li> <li>● TEC Cooler Optional</li> <li>● Fiber Detachable Optional</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-520-500m-M</b>				
	Min	Type	Max		
Center Wavelength@25°C	510nm	520nm	530nm		
Spectral Width (FWHM)	----	3.0nm	----		
Output Power	400mW	-----	500mW		
Fiber Type	MM Fiber				
Fiber Core	62.5um				
Recommended Operating Temperature	25°C				
Fiber Connector	FC/ST/SMA905				
Fiber Length	----	80cm	100cm		
Threshold Current (Typ.)	----	0.3A	0.6A		
Operating Current (Typ.)	----	1.5A	1.8A		
Operating Voltage	----	4.9V	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.

