


**520nm Green 50mW MM Coaxial Fiber Coupled Laser Diode with MMF| Built-in Photodiode**  
**515nm~520nm~530nm MM Pigtailed LD with 105um 50um 62.5um| With PD**

WSLP-520-050m-M-PD

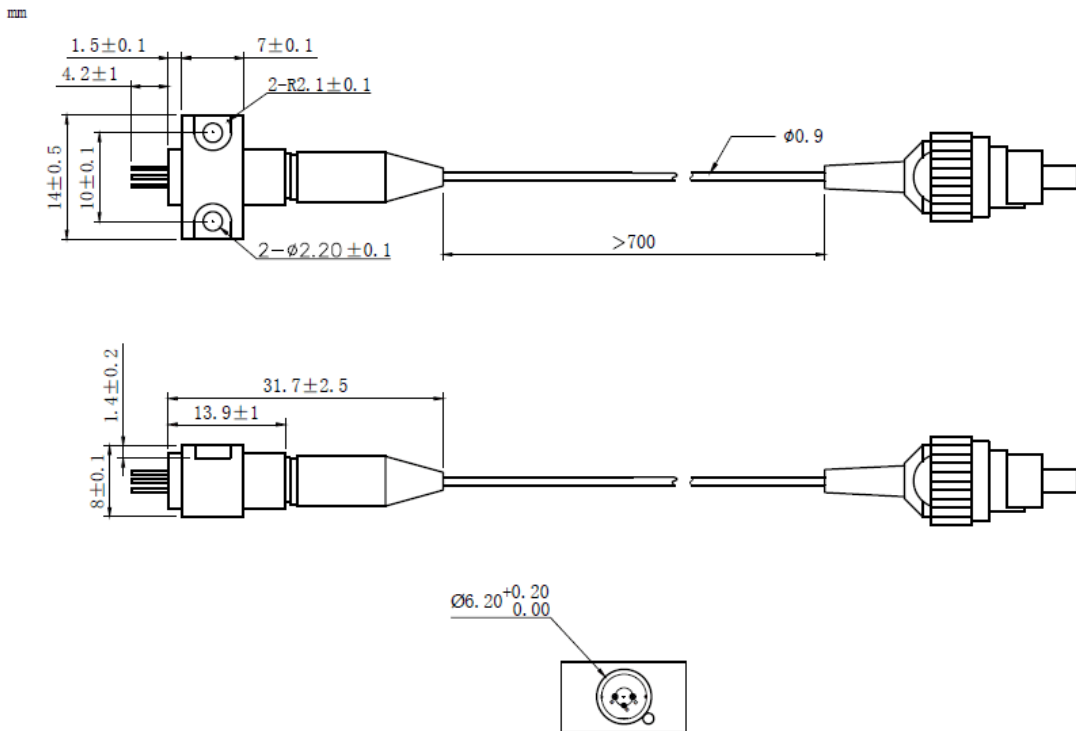
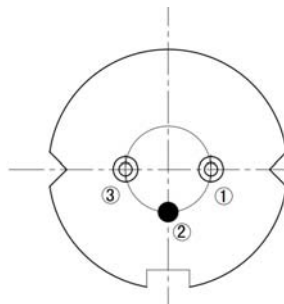
Wavespectrum Laser Group

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

520nm Pigtailed Diode Laser		50mW/MMF		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>🔸 With MM Fiber</li> <li>🔸 Coaxial or B82 Package</li> <li>🔸 Built-in Photodiode</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-520-050m-M-PD</b>				
	Min	Type	Max		
Center Wavelength@25°C	520nm+/-10nm				
Spectral Width (FWHM)	----	2.0nm	----		
Output Power	----	50mW	----		
Fiber Type	Multimode Fiber				
Fiber Core	105um (50um, 62.5um Optional)				
PD Current	100uA				
Recommend Operating Temperature	25°C				
Fiber Connector	FC/SC/SMA905				
Fiber Length	>80cm				
Threshold Current (Typ.)	----	40mA	90mA		
Operating Current (Typ.)	----	220mA	240mA		
Operating Voltage	----	7.5V	8.0V		
Package Style	Coaxial or B82				
Photodiode	Built-in				



**Coaxial Package View: (Part Number: WSLP-520-050m-M-PD)**

**B82 Package View: (Part Number: WSLP-520-050m-M-B-PD)**

**PIN Bottom View:**


1	LD(-)
2	LD(+)&PD(-)
3	PD(+)



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

