


**510nm 10mW SM Coaxial Fiber Coupled Laser Diode with SMF | Green LD Module**
**505nm~510nm 10mW SM Pigtailed LD with Single Mode Fiber (SM Fiber)**

WSLP-510-010m-4

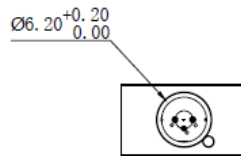
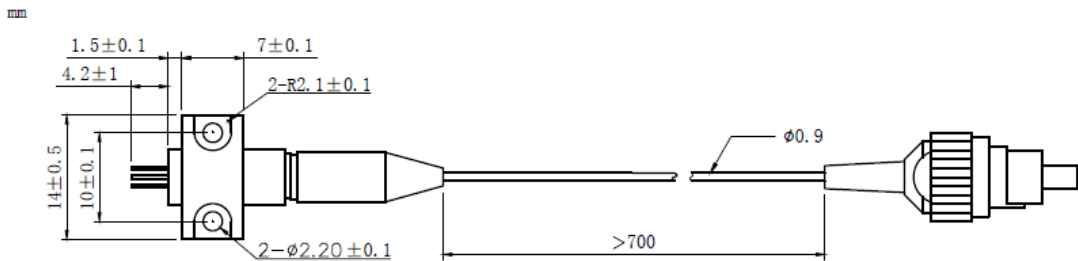
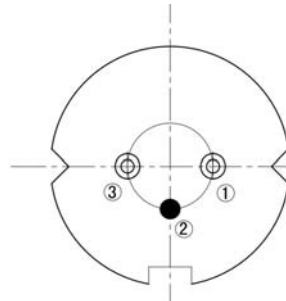
Wavespectrum Laser Group

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

510nm Pigtailed Diode Laser		10mW/SM Fiber		<a href="http://en.wavespectrum-laser.com.cn">en.wavespectrum-laser.com.cn</a>	
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>510nm Green Diode Laser</li> <li>3um SM Fiber</li> <li>Coaxial or B82 Package</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-510-010m-4</b>				
	Min	Type	Max		
Center Wavelength@25°C	510nm±10nm				
Spectral Width (FWHM)	----	2.0nm	----		
Output Power	----	10mW	----		
Fiber Type	Single Mode Fiber				
Fiber Core	3um				
Recommend Operating Temperature	25°C				
Fiber Connector	FC/SC/SMA905				
Fiber Length	>80cm				
Threshold Current	----	50mA	90mA		
Operating Current	----	180mA	200mA		
Operating Voltage	----	7.5V	8.0V		
Package Style	Coaxial or B82				



**Coaxial Package View: (Part Number: WSLP-510-010m-4)**

**B82 Package View: (Part Number: WSLP-510-010m-4-B)**

**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.

