


**635nm~638nm 50mW~60mW Single Mode Fiber Coupled Diode Laser with Photodiode (PD)**  
**635nm 50mW Coaxial Pigtailed Laser Diode with 4um Single Mode Fiber (SM Fiber)**  
 WSLP-635-050m-4-PD                      Wavespectrum Laser Group                      www.wavespectrum-laser.com

**635nm Pigtailed Diode Laser    50mW/SMF**                      en.wavespectrum-laser.com.cn

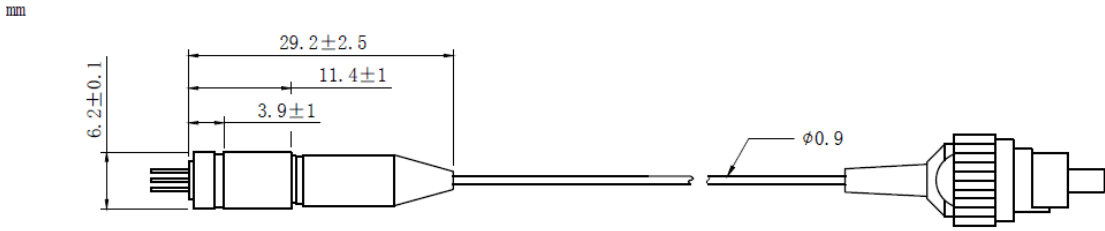
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	-10~+60	°C
Storage Temperature	$T_{stg}$	-40~+85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C

<b>Features:</b> <ul style="list-style-type: none"> <li><span style="color: yellow;">●</span> 635nm</li> <li><span style="color: yellow;">●</span> 4um SM Fiber</li> <li><span style="color: yellow;">●</span> Coaxial or B82 Package</li> <li><span style="color: yellow;">●</span> Built-in PD</li> </ul>	
<b>Applications:</b> <ul style="list-style-type: none"> <li><span style="color: yellow;">●</span> Medical Laser Treatment</li> <li><span style="color: yellow;">●</span> Aiming Beam</li> <li><span style="color: yellow;">●</span> Others</li> </ul>	

Specifications	WSLP-635-050m-4-PD		
	Min	Type	Max
Center Wavelength@25°C	630nm	638nm	645nm
Recommended work Temperature	25°C		
Output Power	----	50mW	----
Fiber Type	Single Mode Fiber		
Fiber Core	4um		
Monitor Current	----	0.3mA	----
PD Reverse Voltage	----	----	30V
Fiber Connector	FC/SC/SMA905		
Fiber Length	----	80cm	100cm
Threshold Current	----	60mA	85mA
Operating Current	----	220mA	240mA
Operating Voltage	----	2.7V	3.3V
Package Style	Coaxial or B82		
PD	Built-in		



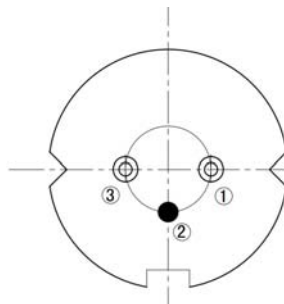
**Coaxial Package View: (Part Number: WSLP-635-050m-4-PD)**



**B82 Package View: (Part Number: WSLP-635-050m-4-B-PD)**



**PIN Bottom View:**



<b>1</b>	<b>LD(-)</b>
<b>2</b>	<b>LD(+)&amp; PD(-)</b>
<b>3</b>	<b>PD(+)</b>



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

