

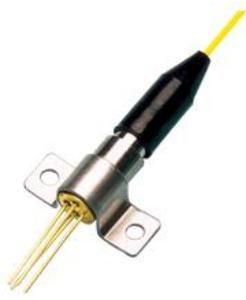
**1064nm 10mW Coaxial Pigtailed Diode Laser with Polarization Maintaining Fiber**

1060nm~1064nm | 10mW | PM Fiber Coupled Laser Diode Module | Built-in PD | SMF LD Module

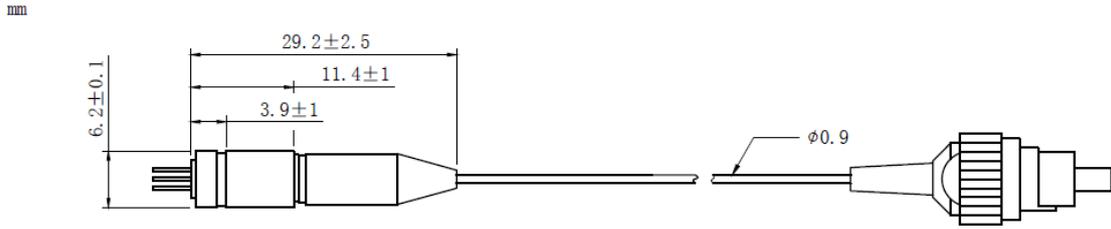
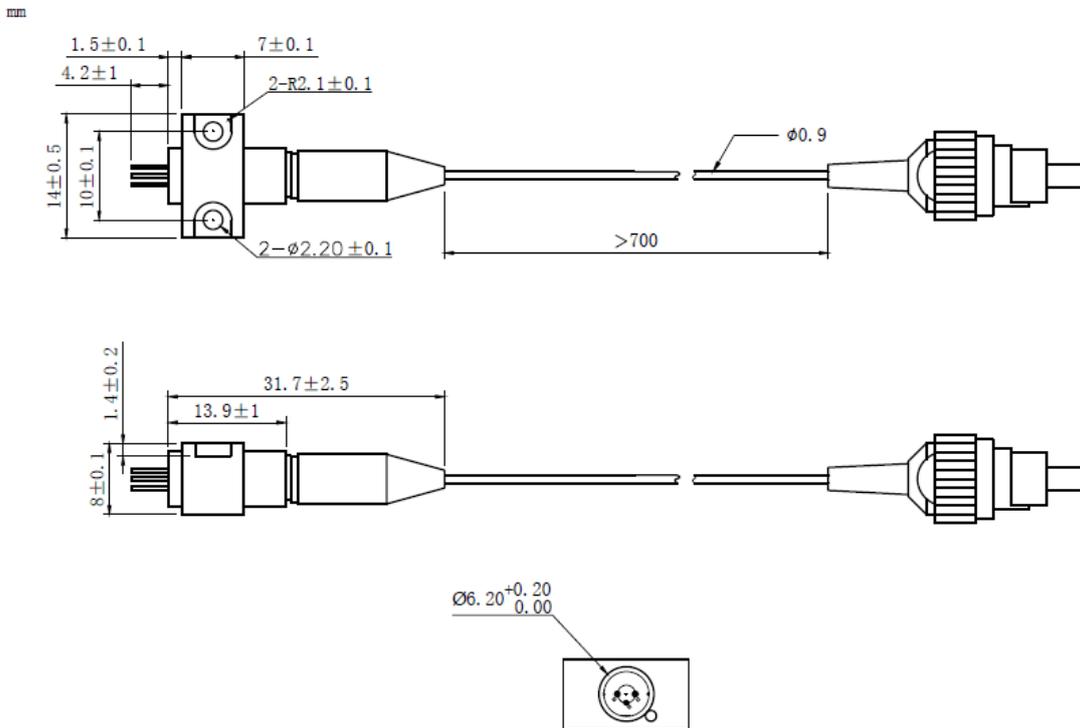
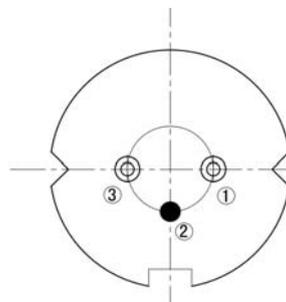
WSLP-1064-010m-PM-PD

Wavespectrum Laser Group

www.wavespectrum-laser.com

1064nm Pigtailed Diode Laser		10mW/PMF		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	$V_r$	2.0		V	
Operating Temperature	$T_{op}$	-10~+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>1064nm</li> <li>PM Fiber</li> <li>Coaxial or B82 Package</li> <li>Built-in PD</li> </ul>					
<b>Applications:</b> <ul style="list-style-type: none"> <li>Medical Laser Treatment</li> <li>Sensor</li> <li>Others</li> </ul>					
<b>Specifications</b>	<b>WSLP-1064-010m-PM-PD</b>				
	Min	Type	Max		
Center Wavelength@25°C	$\pm 5\text{nm}$	1064nm	$\pm 15\text{nm}$		
Recommended Operating Temperature	25°C				
Output Power	----	10mW	----		
Fiber Type	Polarization Maintaining Fiber				
Fiber Core	6um				
Polarization Extinction Ratio	13dB	15dB	----		
Monitor Current	----	0.2mA	----		
PD Reverse Voltage	----	----	30V		
Fiber Connector	FC/APC				
Fiber Length	----	80cm	100cm		
Threshold Current (Typ.)	----	20mA	45mA		
Operating Current (Typ.)	----	100mA	120mA		
Operating Voltage	----	1.8V	2.5V		
Package Style	Coaxial or B82				
Photodiodes	Built-in				
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.					



**Coaxial Package View: (Part Number: WSLP-1064-010m-PM-PD)**

**B82 Package View: (Part Number: WSLP-1064-010m-PM-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.

