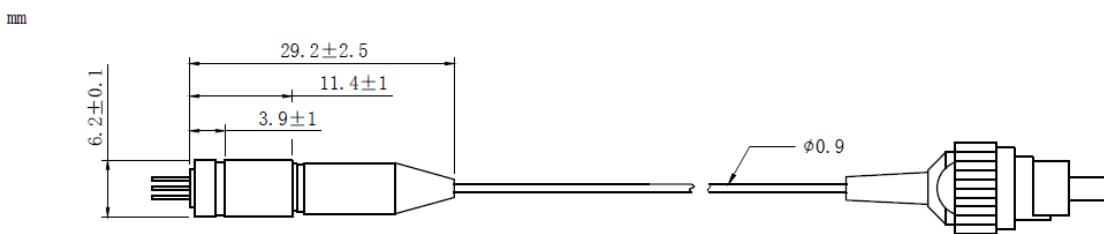
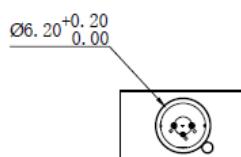
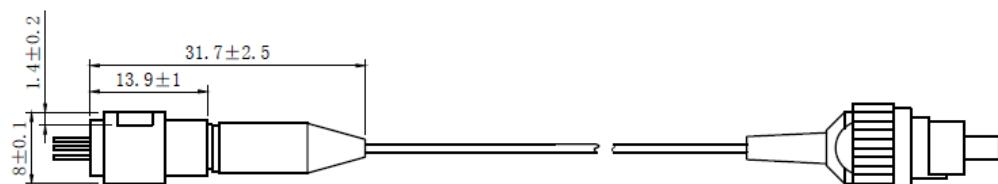
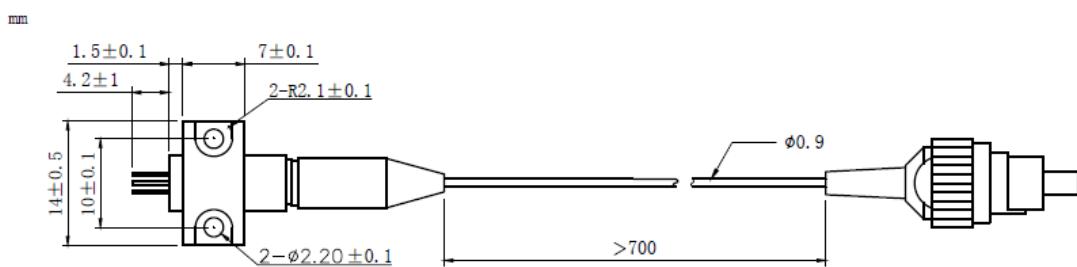
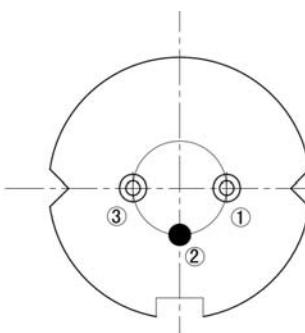


**635nm 50mW~60mW PM Fiber Coupled Laser Diode with Coaxial Package | Red Laser Diode**  
**635nm~638nm 50mW Coaxial Pigtailed LD with Polarization Maintaining Fiber (SM Fiber)**  
**RWLP-635-050m-PM-PD**

<b>635nm Pigtailed Diode Laser</b>		<b>50mW/PM Fiber</b>				
<b>PARAMETER</b>	<b>SYMBOL</b>	<b>VALUE</b>		<b>UNIT</b>		
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>● 635nm</li> <li>● PM Fiber</li> <li>● High Reliability</li> <li>● High Polarization Extinction Ratio</li> </ul>					
<b>Applications:</b>	<ul style="list-style-type: none"> <li>● Biological Instruments</li> <li>● Analytical Equipment</li> <li>● Others</li> </ul>					
<b>Specifications</b>	<b>RWLP-635-050m-PM-PD</b>					
	Min	Type	Max			
Center Wavelength@25°C	630nm	638nm	645nm			
Recommended work Temperature	25°C					
Output Power	----	50mW	----			
Fiber Type	Polarization Maintaining Fiber					
Fiber Core	4μm					
Polarization Extinction Ratio	13dB	15dB	----			
Monitor Current	----	0.3mA	----			
Fiber Connector	FC/APC					
Fiber Length	----	80cm	100cm			
Threshold Current	----	60mA	85mA			
Operating Current	----	220mA	240mA			
Operating Voltage	----	2.7V	3.3V			
Package Style	Coaxial or B82					
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.						



**Coaxial Package View: (Part Number: RSLP-635-050m-PM-PD)**

**B82 Package View: (Part Number: RWLP-635-050m-PM-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.

