
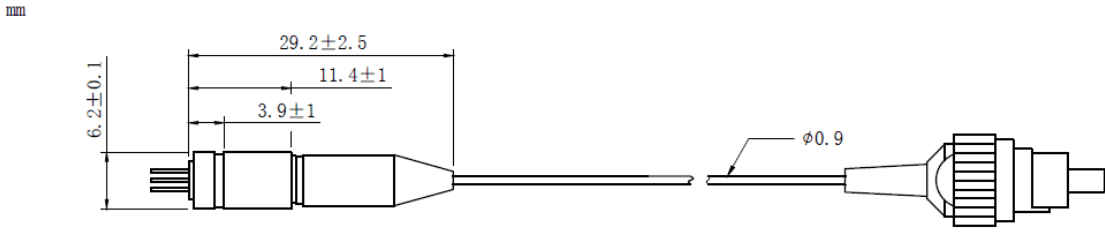


**635nm 80mW~90mW PM Fiber Coupled Laser Diode with Coaxial Package | Red Laser Diode**  
**635nm~638nm 80mW High Power Coaxial Pigtailed LD with Polarization Maintaining Fiber**  
**WSLP-635-080m-PM-PD**      Wavespectrum Laser Group      www.wavespectrum-laser.com

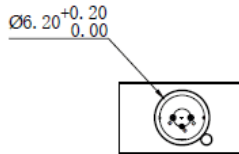
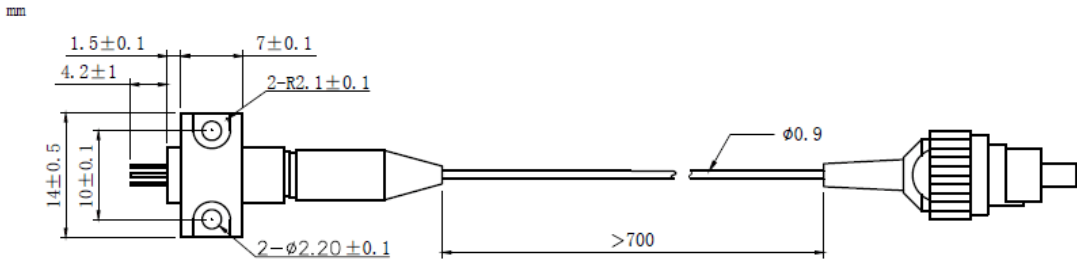
635nm Pigtailed Diode Laser		80mW/PM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	$V_r$	2.0		V	
Operating Temperature	$T_{op}$	-10~+60		°C	
Storage Temperature	$T_{stg}$	-40~+85		°C	
Lead soldering temperature (10 sec.)	$T_{is}$	260		°C	
<b>Features:</b> <ul style="list-style-type: none"> <li>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>WSLP-635-080m-PM-PD</b>				
	Min	Type	Max		
Center Wavelength@25°C	630nm	638nm	645nm		
Recommended work Temperature	25°C				
Output Power	----	80mW	----		
Fiber Type	Polarization Maintaining Fiber				
Fiber Core	4um				
Polarization Extinction Ratio	13dB	15dB	----		
Monitor Current	----	0.3mA	----		
Fiber Connector	FC/APC				
Fiber Length	----	80cm	100cm		
Threshold Current	----	60mA	90mA		
Operating Current	----	260mA	280mA		
Operating Voltage	----	2.8V	3.5V		
Package Style	Coaxial or B82				
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.					



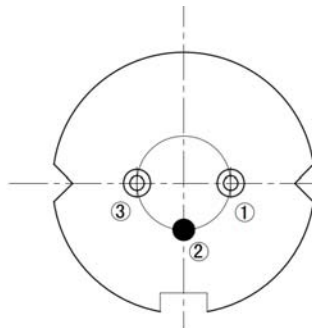
**Coaxial Package View: (Part Number: WSLP-635-080m-PM-PD)**



**B82 Package View: (Part Number: WSLP-635-080m-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.

