
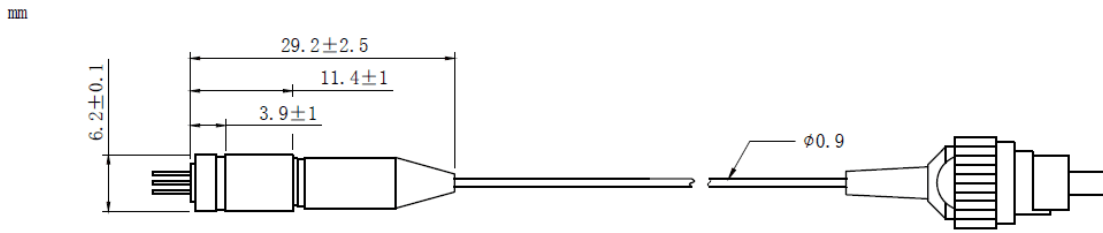


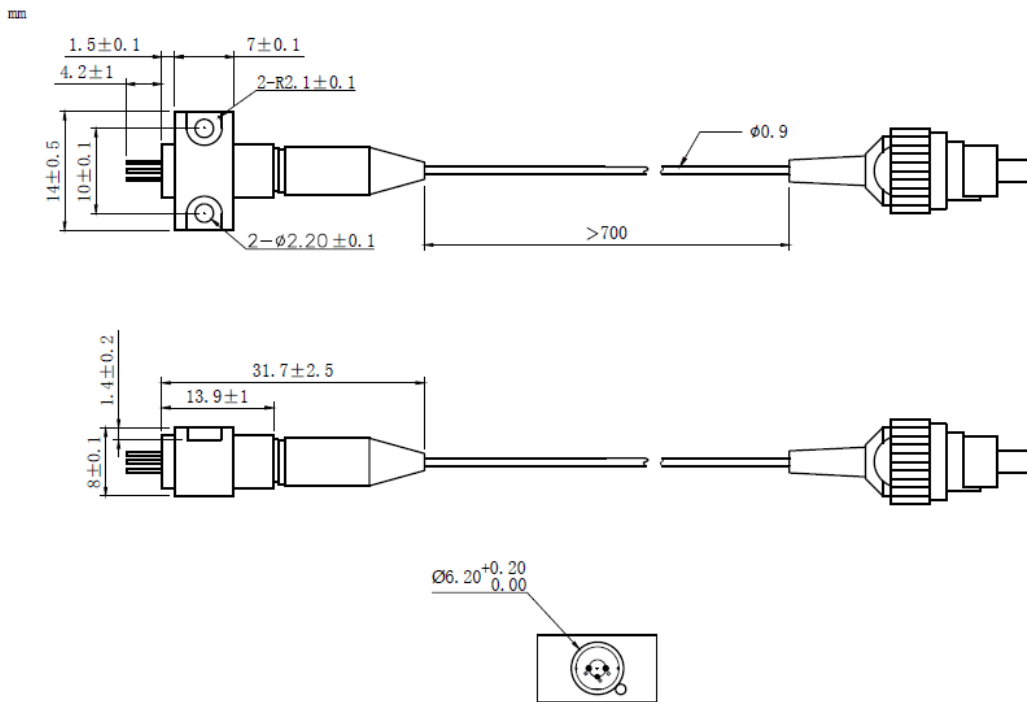
**405nm 40mW PM Pigtailed Laser Diode Module With Polarization Maintaining Fiber**  
**405nm~410nm 40mW PM Fiber Coupled Diode Laser Module | Violet LD Module | Built-in PD**  
**RWLP-405-040m-PM-PD**

405nm Pigtailed Diode Laser 40mW/PMF			
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	-10 ~ +70	°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>● 405nm</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>● Medical Laser Treatment</li> <li>● Biotechnology</li> <li>● Others</li> </ul>			
<b>Specifications</b>	<b>RWLP-405-040m-PM-PD</b>		
	Min	Type	Max
Center Wavelength@25°C	±5nm	405nm	±10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	40mW	----
Fiber Type	UV Polarization Maintaining Fiber		
Fiber Core	3um		
Recommend Operating Temperature	25°C		
Polarization Extinction Ratio	13dB	15dB	----
Fiber Connector	FC/APC		
Fiber Length	>80cm		
Threshold Current	----	45mA	80mA
Operating Current	----	125mA	140mA
Operating Voltage	----	5.0V	6.0V
Package Style	Coaxial or B82		
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.			

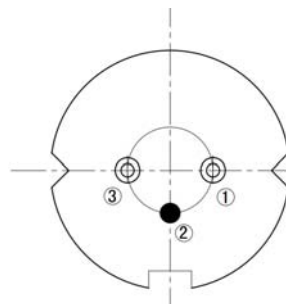
**Coaxial Package View: (Part Number: RWLP-405-040m-PM-PD)**



**B82 Package View: (Part Number: RWLP-405-040m-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.

