
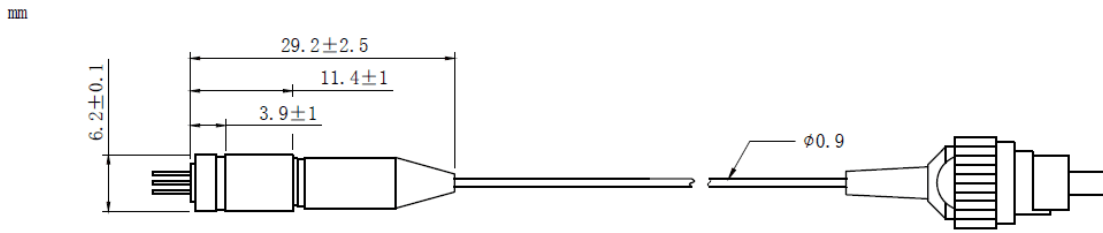


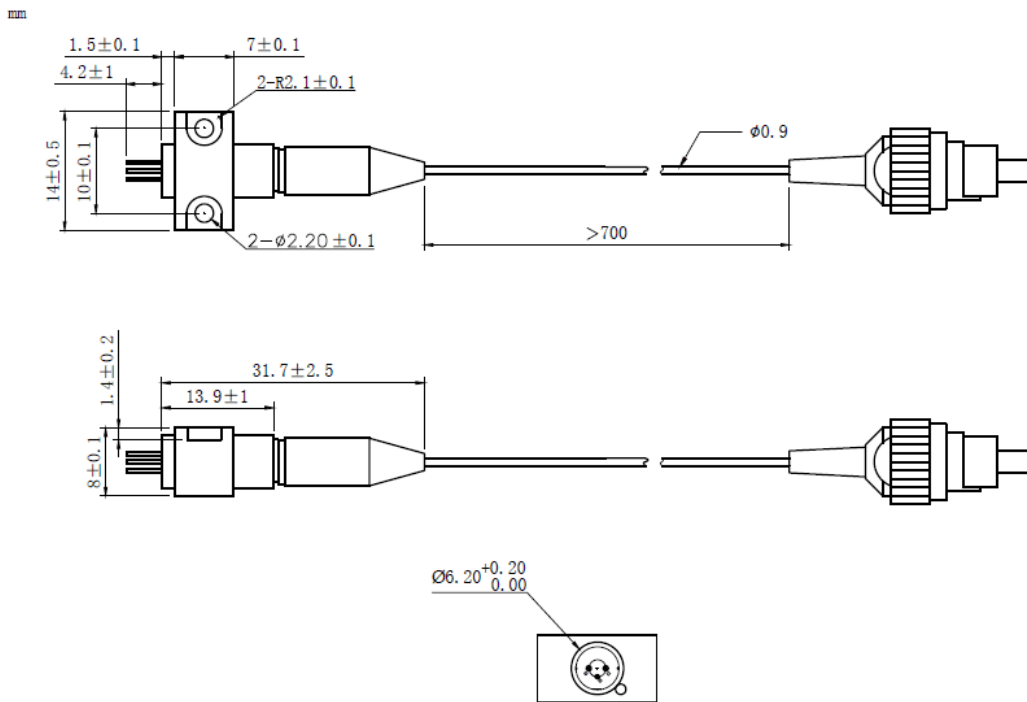
405nm 50mW PM Pigtailed Laser Diode Module With Polarization Maintaining Fiber
405nm~410nm 50mW PM Fiber Coupled Diode Laser Module | Violet LD Module | Built-in PD
RWLP-405-050m-PM-PD

405nm Pigtailed Diode Laser 50mW/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
Features: <ul style="list-style-type: none"> 405nm PM Fiber High Reliability High Polarization Extinction Ratio 			
Applications: <ul style="list-style-type: none"> Medical Laser Treatment Biotechnology Others 			
Specifications	RWLP-405-050m-PM-PD		
	Min	Type	Max
Center Wavelength@25°C	±5nm	405nm	±10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	50mW	----
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	90mA
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.			

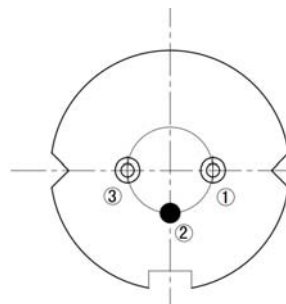
Coaxial Package View: (Part Number: RWLP-405-050m-PM-PD)



B82 Package View: (Part Number: RWLP-405-050m-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.

