405nm～410nm 40mW SM Coaxial Pigtailed Laser Diode | Built-in Photodiode
405nm 40mW Fiber Coupled LD with Single Mode Fiber | Violet Diode Laser Module with PD
RWLP-405-040m-4-PD

405nm Pigtailed Diode Laser 40mW/SMF

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+70	℃
Storage Temperature	T_{stg}	-40~+85	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

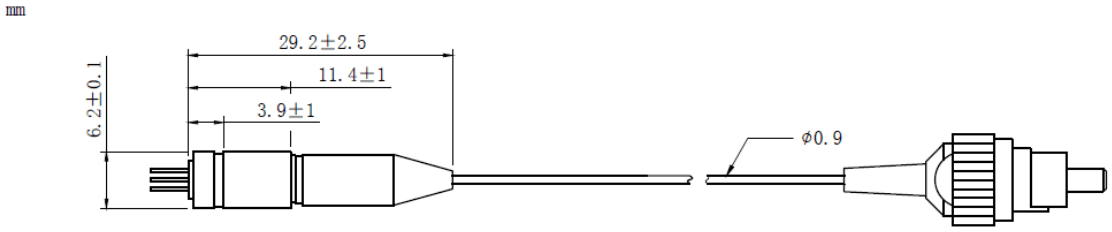
- 405nm
- 3um SM Fiber
- Coaxial or B82 Package
- Built-in Photodiode

Applications:

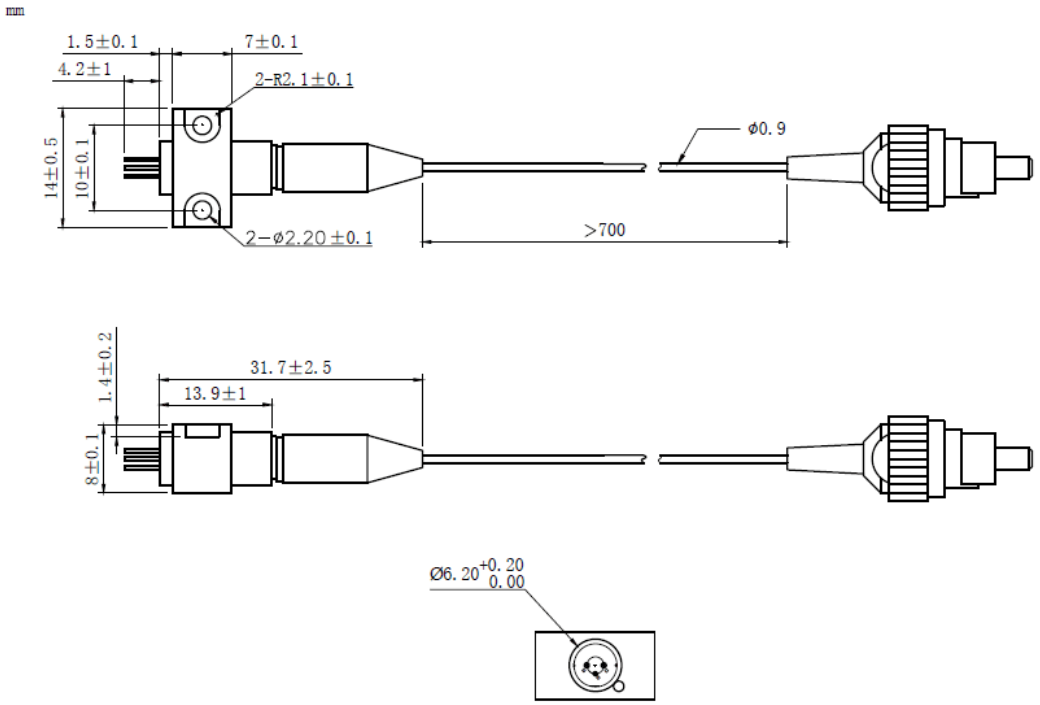
- Medical Laser Treatment
- Printing
- Others

Specifications	RWLP-405-040m-4-PD		
	Min	Type	Max
Center Wavelength@25℃	±5nm	405nm	±10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	40mW	----
Fiber Core	3um		
Recommended Operating Temperature	25℃		
Monitor Current	----	0.3mA	----
PD MAX Reverse Voltage	----	----	30V
Fiber Connector	FC/SC/SMA905		
Fiber Length	>80cm		
Threshold Current	----	40mA	80mA
Operating Current	----	120mA	140mA
Operating Voltage	----	5.0V	6.0V
Package Style	Coaxial or B82		
PD	Built-in		

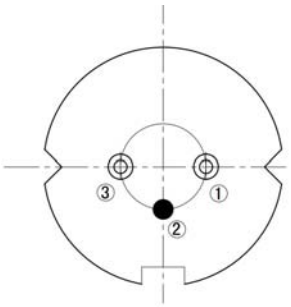
Coaxial Package View: (Part Number: RWLP-405-040m-4-PD)



B82 Package View: (Part Number: RWLP-405-040m-4-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.