405nm 100mW SM Pigtailed Laser Diode Module with PMF
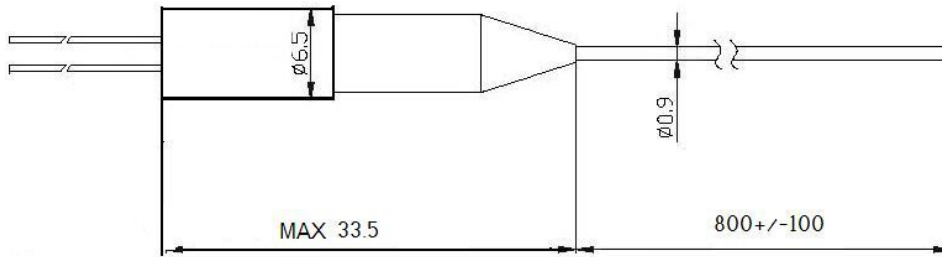
405nm Fiber Coupled LD with PM Fiber (Polarization Maintaining Fiber)

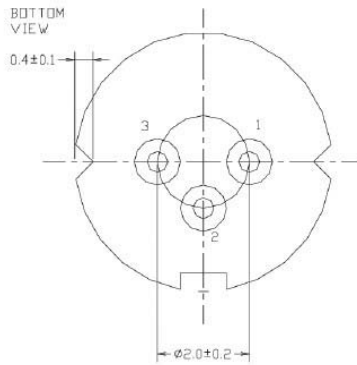**WSLP-405-100m-PM**   **Wavespectrum Laser Group**   **www.wavespectrum-laser.com**

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	5.0	V
Operating Temperature	T_{op}	0~+70	℃
Storage Temperature	T_{stg}	-35 ~ +85	℃
Lead soldering temperature (10 sec.)	T_{is}	260	℃

Features:

- 405nm
- 3um PM UV Fiber
- Coaxial package
- PD Optional

Applications:

- Medical laser treatment
- Printing
- Others

Specifications	WSLP-405-100m-PM		
	Min	Type	Max
Center Wavelength@25℃	400nm	405nm	410nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	80mw	90mw	100mw
Fiber Type	UV PM Fiber		
Fiber Core	3um		
Recommend Operating Temperature	25℃		
Fiber Connector	FC		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	----	35mA	50mA
Operating Current (Typ.)	----	180mA	200mA
Operating Voltage	----	4.6V	5.5V
Package Style	Coaxial		
Photodiodes	Optional		

Coaxial Package View

PIN Bottom View:

1	LD(+)
2	GND
3	LD(-)

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.