

405nm 10mW~15mW SM Coaxial Pigtailed Laser Diode | Built-in Photodiode

405nm 15mW Fiber Coupled LD with Single Mode Fiber | Violet Diode Laser Module with PD

WSLP-405-015m-4-PD

Wavespectrum Laser Group

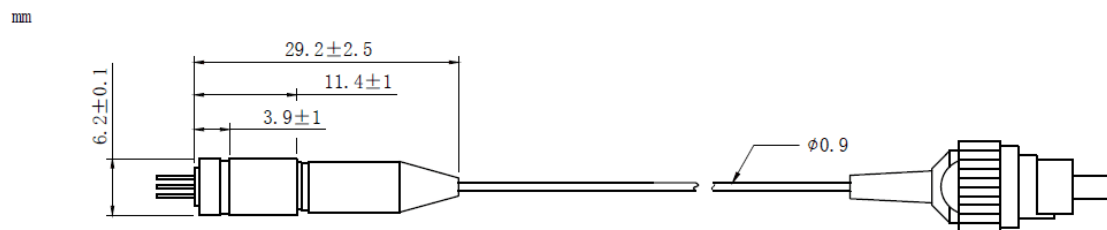
www.wavespectrum-laser.com

405nm Pigtailed Diode Laser	15mW/SMF	en.wavespectrum-laser.com.cn
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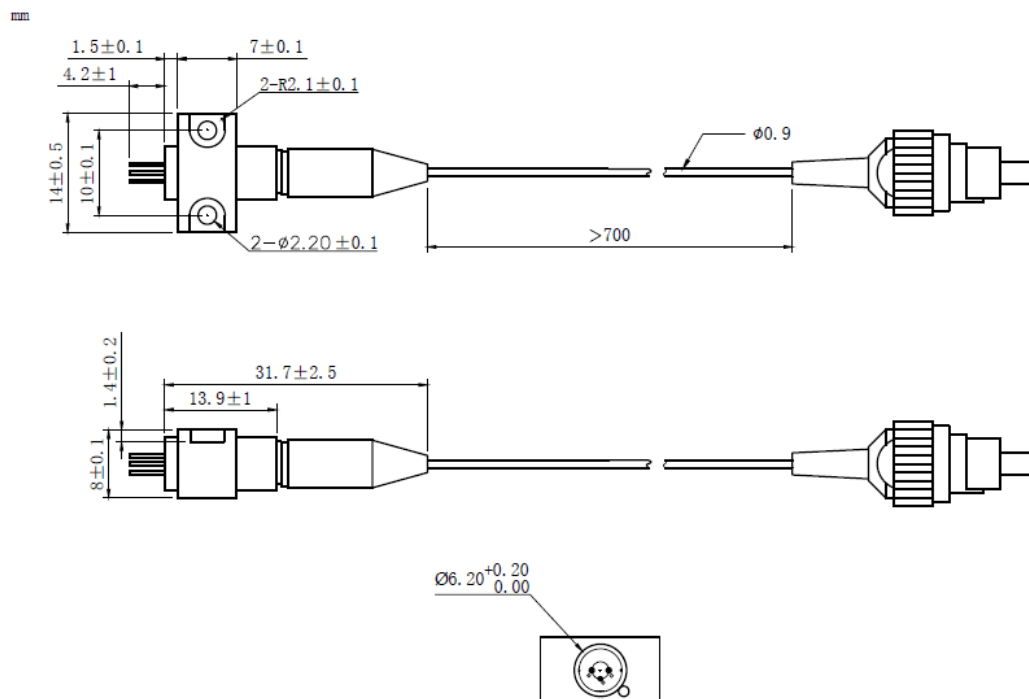
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10 ~ +70	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: 405nm 3um SM Fiber - Coaxial or B82 Package - Built-in Photodiode			
Applications: - Medical Laser Treatment - Printing - Others			
Specifications	WSLP-405-015m-4-PD		
	Min	Type	Max
Center Wavelength@25°C	±5nm	405nm	±10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	10mW	15mW	----
Fiber Core	3um		
Recommended Operating Temperature	25°C		
Monitor Current	----	0.3mA	----
PD MAX Reverse Voltage	----	----	30V
Fiber Connector	FC/SC/SMA905		
Fiber Length	80cm		
Threshold Current	----	35mA	70mA
Operating Current	----	80mA	100mA
Operating Voltage	----	5.0V	6.0V
Package Style	Coaxial or B82		
PD	Built-in		



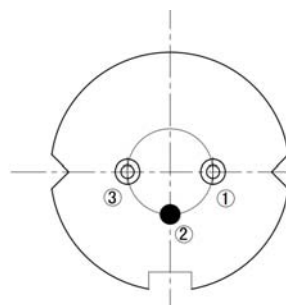
Coaxial Package View: (Part Number: WSLP-405-015m-4-PD)



B82 Package View: (Part Number: WSLP-405-015m-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.

