

405nm~410nm 30mW SM Coaxial Pigtailed Laser Diode | Built-in Photodiode

405nm 30mW Fiber Coupled LD with Single Mode Fiber | Violet Diode Laser Module with PD

WSLP-405-030m-4-PD

Wavespectrum Laser Group

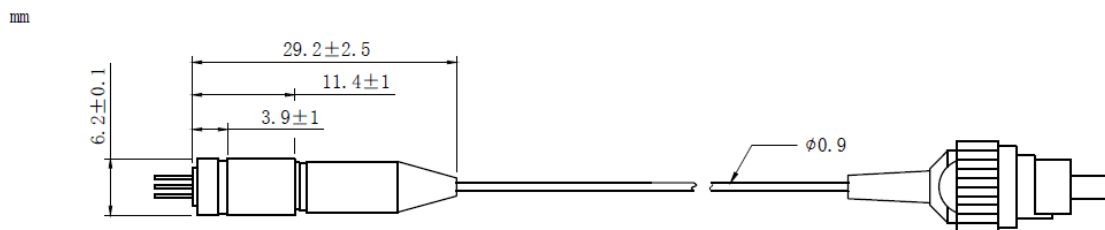
www.wavespectrum-laser.com

en.wavespectrum-laser.com.cn

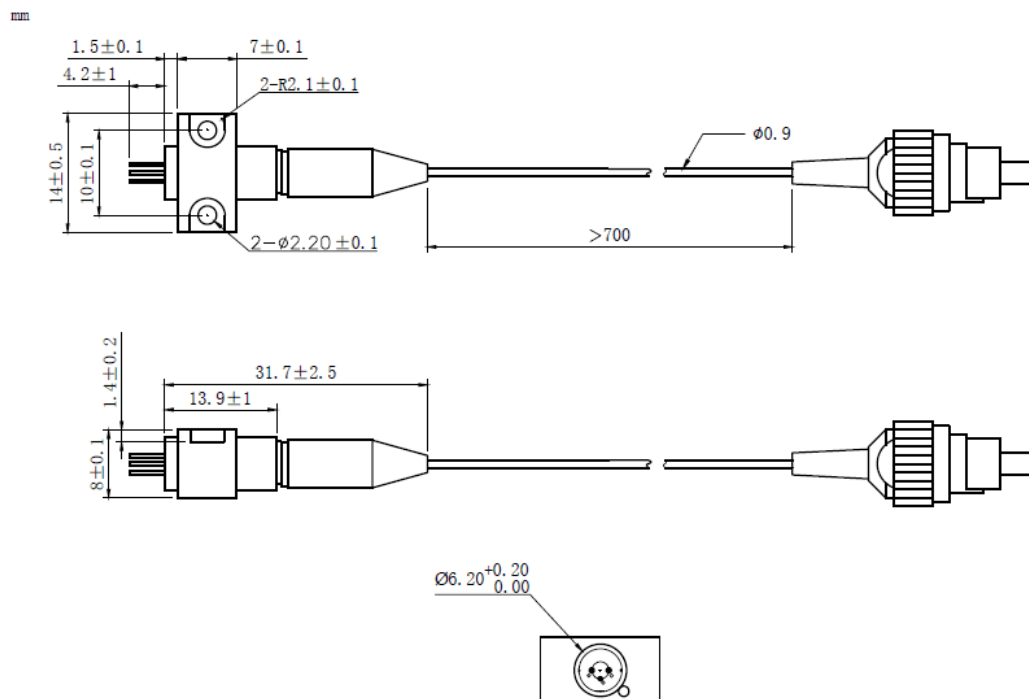
405nm Pigtailed Diode Laser		30mW/SMF	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +70		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features:				
405nm 3um SM Fiber - Coaxial or B82 Package - Built-in Photodiode				
Applications:				
- Medical Laser Treatment - Printing - Others				
Specifications		WSLP-405-030m-4-PD		
	Min	Type	Max	
Center Wavelength@25℃	±5nm	405nm	±10nm	
Spectral Width (FWHM)	----	2.0nm	----	
Output Power	25mW	30mW	----	
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	----	40 mA	75mA	
Operating Current	----	110 mA	130 mA	
Operating Voltage	----	5.0V	6.0V	
Package Style	Coaxial or B82			
PD	Built-in			



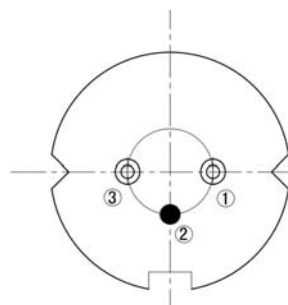
Coaxial Package View: (Part Number: WSLP-405-030m-4-PD)



B82 Package View: (Part Number: WSLP-405-030m-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.**

