

520nm 20mW Coaxial Diode Laser with Polarization Maintaining Fiber| Built-in Photodiode

515nm~520nm~530nm 20mW PM Fiber Coupled Green LD with SMF | With PD

WSLP-520-020m-PM-PD

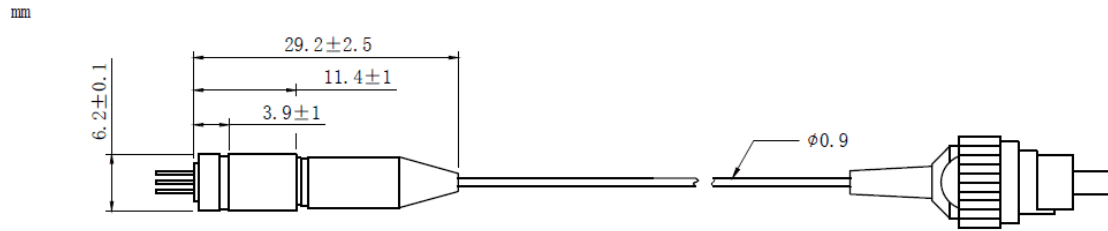
Wavespectrum Laser Group

www.wavespectrum-laser.com

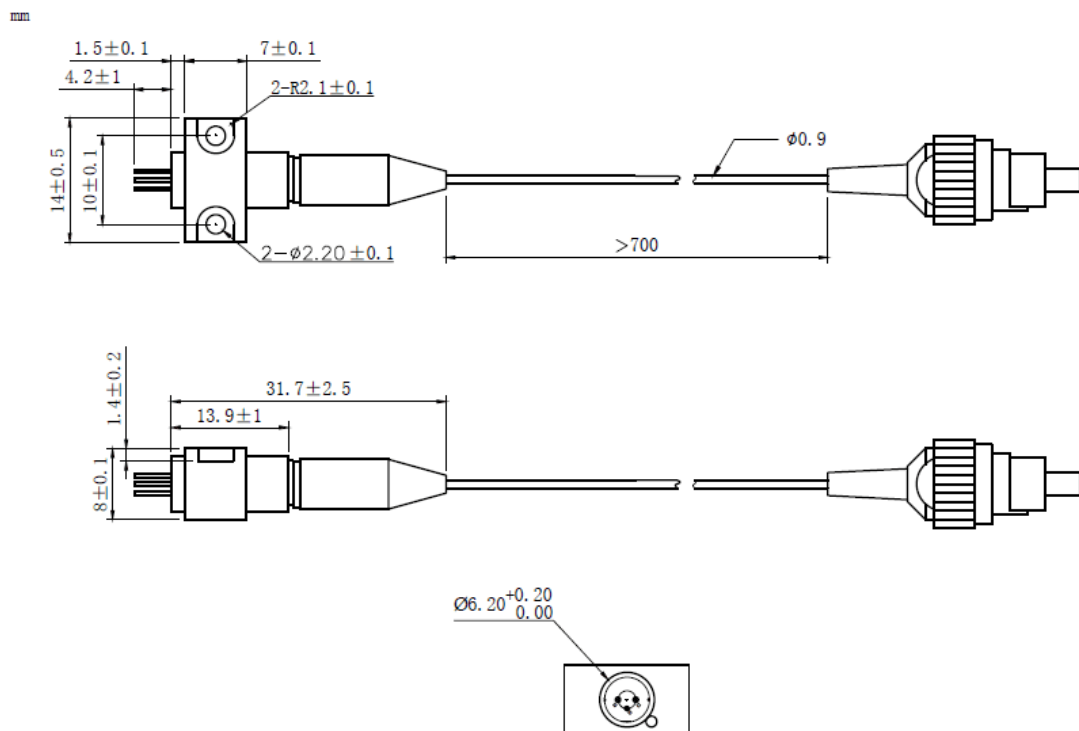
520nm Pigtailed Diode Laser		20mW/PMF		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-20 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 520nm Green Diode Laser PM Fiber High Reliability High Polarization Extinction Ratio					
Applications: Biological Instruments Analytical Equipment Others					
Specifications		WSLP-520-020m-PM-PD			
		Min	Type	Max	
Center Wavelength@25°C		510nm	520nm	530nm	
Spectral Width (FWHM)		----	2.0nm	----	
Output Power		----	20mW	----	
Fiber Type		Polarization Maintaining Fiber			
Fiber Core		3um			
Polarization Extinction Ratio		13dB	15dB	----	
Recommend Operating Temperature		25°C			
Fiber Connector		FC / APC			
Fiber Length		----	80cm	100cm	
Threshold Current		----	45mA	85mA	
Operating Current		----	220mA	240mA	
Operating Voltage		----	7.5V	8.0V	
Photodiode		Built-in			
Package Style		Coaxial or B82			
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.					



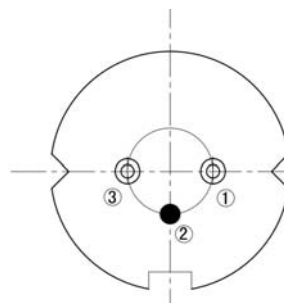
Coaxial Package View: (Part Number: WSLP-520-020m-PM-PD)



B82 Package View: (Part Number: WSLP-520-020m-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.

