

520nm 5mW Coaxial Diode Laser with Polarization Maintaining Fiber| Built-in Photodiode 515nm~520nm~530nm PM Fiber Coupled Green LD with SMF | With PD

WSLP-520-005m-PM-PD

Wavespectrum Laser Group

www.wavespectrum-laser.com

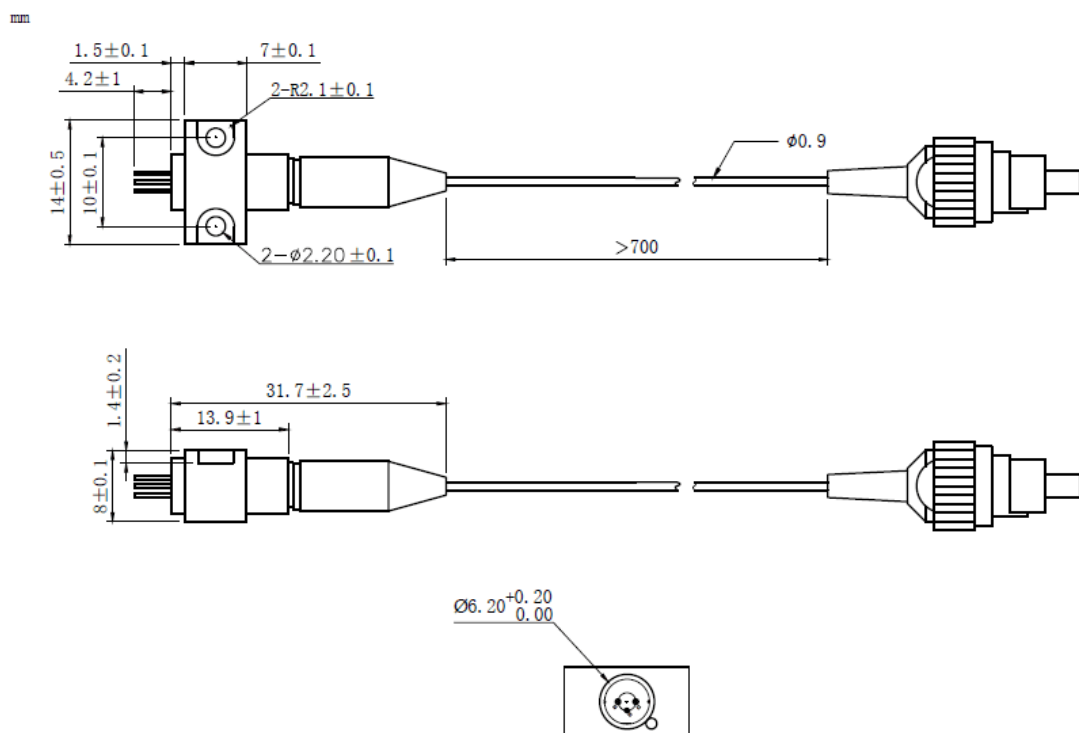
520nm Pigtailed Diode Laser		5mW/PMF		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-20 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 520nm Green Diode Laser PM Fiber High Reliability High Polarization Extinction Ratio					
Applications: Biological Instruments Analytical Equipment Others					
Specifications		WSLP-520-005m-PM-PD			
	Min	Type		Max	
Center Wavelength@25°C	510nm	520nm		530nm	
Spectral Width (FWHM)	----	2.0nm		----	
Output Power	----	5mW		----	
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				
Threshold Current	----	45mA		90mA	
Operating Current	----	140mA		170mA	
Operating Voltage	----	7.0V		8.0V	
Photodiode	Built-in				
Package Style	Coaxial or B82				
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.					



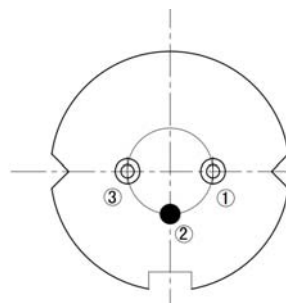
Coaxial Package View: (Part Number: WSLP-520-005m-PM-PD)



B82 Package View: (Part Number: WSLP-520-005m-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.

