

520nm 50mW~60mW SM Coaxial Fiber Coupled Laser Diode with 9um Fiber | Built-in PD

515nm~520nm~530nm Pigtailed Green LD with 9um Fiber | With PD

WSLP-520-050m-9-PD

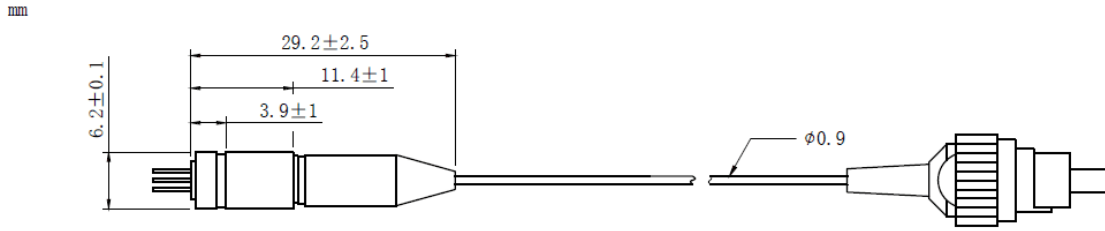
Wavespectrum Laser Group

www.wavespectrum-laser.com

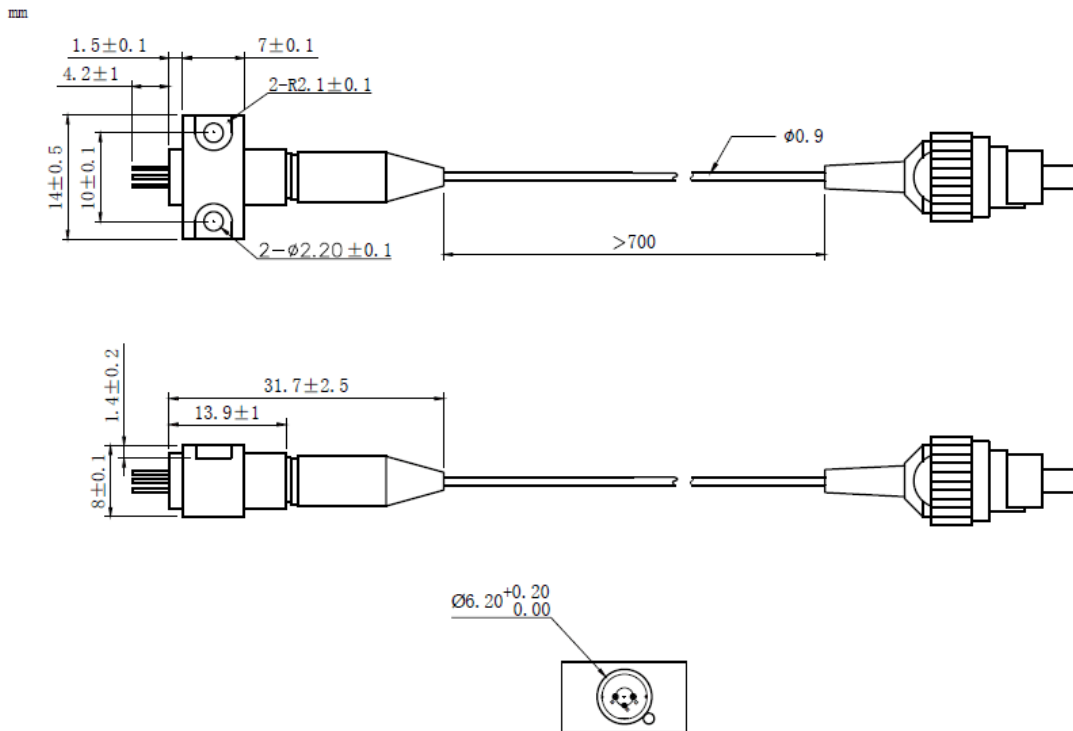
520nm Pigtailed Diode Laser		50mW/9um		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-20 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 520nm Green Diode Laser 9um Fiber Coaxial or B82 Package Built-in Photodiode					
Applications: Medical Laser Treatment Others					
Specifications		WSLP-520-050m-9-PD			
		Min	Type		Max
Center Wavelength@25℃		+/-5nm	520nm		+/-10nm
Spectral Width (FWHM)		----	2.0nm		----
Output Power		----	50mW		----
Fiber Type		SMF-28			
Fiber Core		9um			
PD Current		100uA			
Recommend Operating Temperature		25℃			
Fiber Connector		FC/SC/SMA905			
Fiber Length		----	80cm		100cm
Threshold Current		----	45mA		90mA
Operating Current		----	230mA		260mA
Operating Voltage		----	7.5V		8.0V
Package Style		Coaxial or B82			
Photodiode		Built-in			



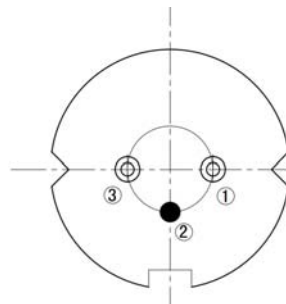
Coaxial Package View: (Part Number: WSLP-520-050m-9-PD)



B82 Package View: (Part Number: WSLP-520-050m-9-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.

