

520nm 10mW SM Coaxial Fiber Coupled Laser Diode with SMF| Built-in Photodiode

515nm~520nm~530nm SM Pigtailed Green LD with Single Mode Fiber (SM Fiber) | With PD

WSLP-520-010m-4-PD

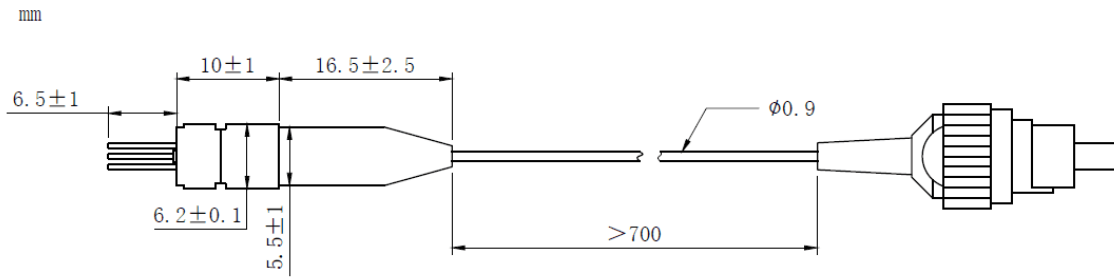
Wavespectrum Laser Group

www.wavespectrum-laser.com

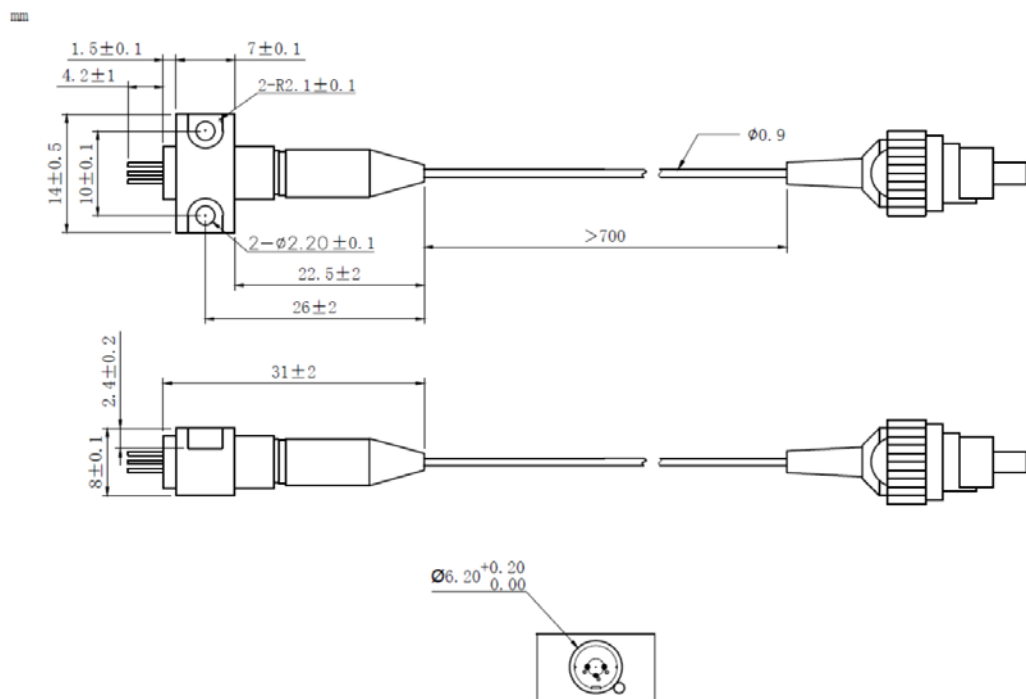
520nm Pigtailed Diode Laser		10mW/SMF		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V _r	2.0		V	
Operating Temperature	T _{op}	-10 ~ +60		°C	
Storage Temperature	T _{stg}	-40 ~ +85		°C	
Lead soldering temperature (10 sec.)	T _{is}	260		°C	
Features: 520nm Green Diode Laser 3um SM Fiber - Coaxial or B82 Package - Built-in Photodiode					
Applications: - Medical Laser Treatment - Others					
Specifications		WSLP-520-010m-4-PD			
		Min	Type	Max	
Center Wavelength@25℃		+ / -5nm	520nm	+ / -10nm	
Spectral Width (FWHM)		----	2.0nm	----	
Output Power		----	10mW	----	
Fiber Type		Single Mode Fiber			
Fiber Core		3um			
PD Current		100uA			
Recommend Operating Temperature		25℃			
Fiber Connector		FC/SC/SMA905			
Fiber Length		----	80cm	100cm	
Threshold Current (Typ.)		----	40 mA	75 mA	
Operating Current (Typ.)		----	160 mA	180 mA	
Operating Voltage		----	7.5V	8.0V	
Package Style		Coaxial or B82			
Photodiode		Built-in			



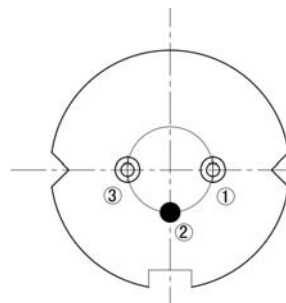
Coaxial Package View: (Part Number: WSLP-520-010m-4-PD)



B82 Package View: (Part Number: WSLP-520-010m-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.

