

500nm~505nm 10mW SM Coaxial Fiber Coupled Laser Diode with SMF | Green LD Module

505nm~510nm 10mW SM Pigtailed LD with Single Mode Fiber (SM Fiber)

WSLP-505-010m-4

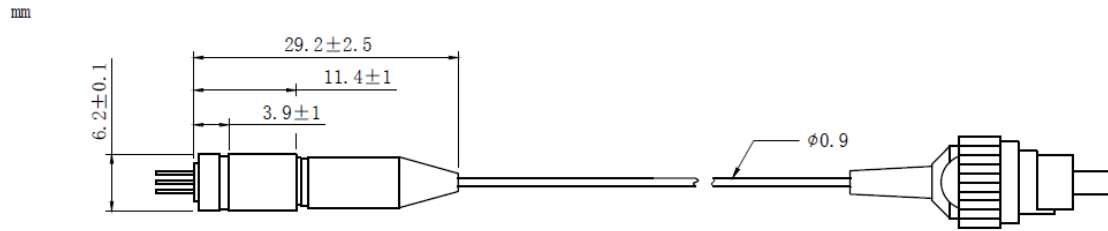
Wavespectrum Laser Group

www.wavespectrum-laser.com

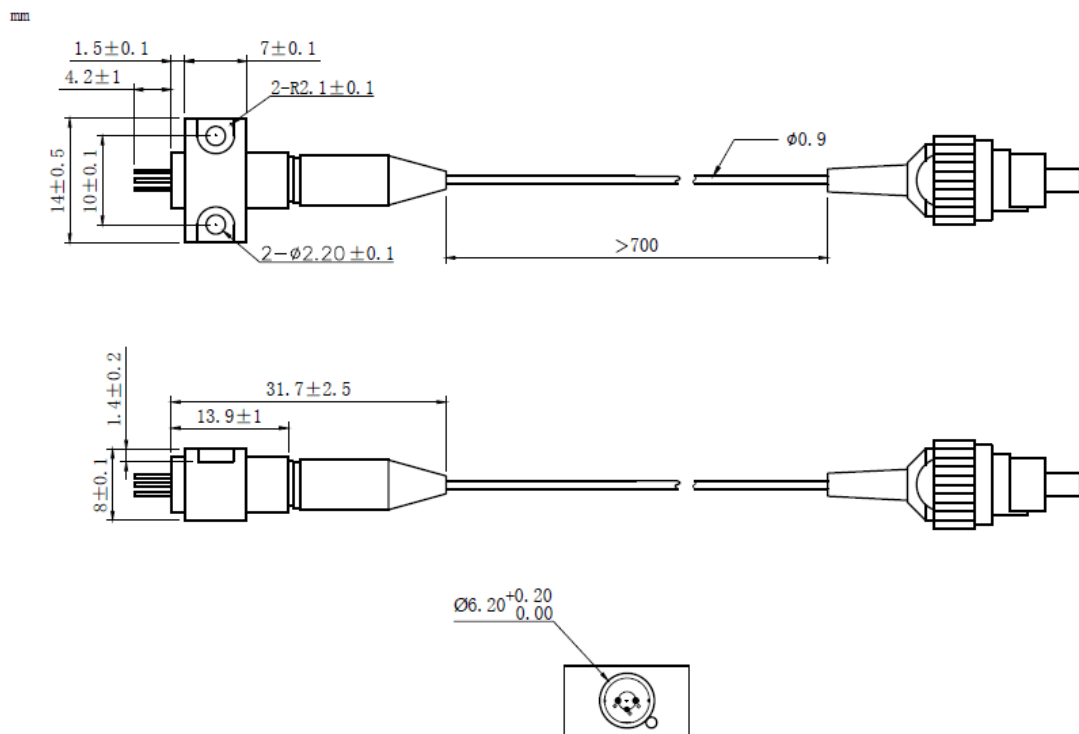
505nm Pigtailed Diode Laser		10mW/SM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 505nm Green Diode Laser 3um SM Fiber Coaxial or B82 Package					
Applications: Medical Laser Treatment Others					
Specifications		WSLP-505-010m-4			
		Min	Type	Max	
Center Wavelength@25℃		505nm±10nm			
Spectral Width (FWHM)		----	2.0nm	----	
Output Power		----	10mW	----	
Fiber Type		Single Mode Fiber			
Fiber Core		3um			
Recommend Operating Temperature		25℃			
Fiber Connector		FC/SC/SMA905			
Fiber Length		>80cm			
Threshold Current		----	50mA	90mA	
Operating Current		----	180mA	200mA	
Operating Voltage		----	7.5V	8.0V	
Package Style		Coaxial or B82			



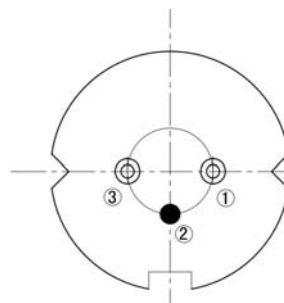
Coaxial Package View: (Part Number: WSLP-505-010m-4)



B82 Package View: (Part Number: WSLP-505-010m-4-B)



PIN Bottom View:



1	LD(+)
2	GND
3	LD(-)



Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

