

520nm 50mW~60mW SM Coaxial Fiber Coupled Laser Diode with 9um | Green LD Module

515nm~520nm 50mW SM Pigtailed LD with 9um SM Fiber (SMF-28 Fiber)

WSLP-520-050m-9

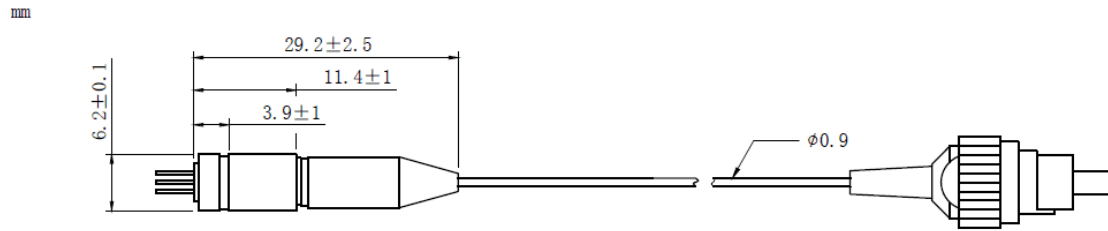
Wavespectrum Laser Group

www.wavespectrum-laser.com

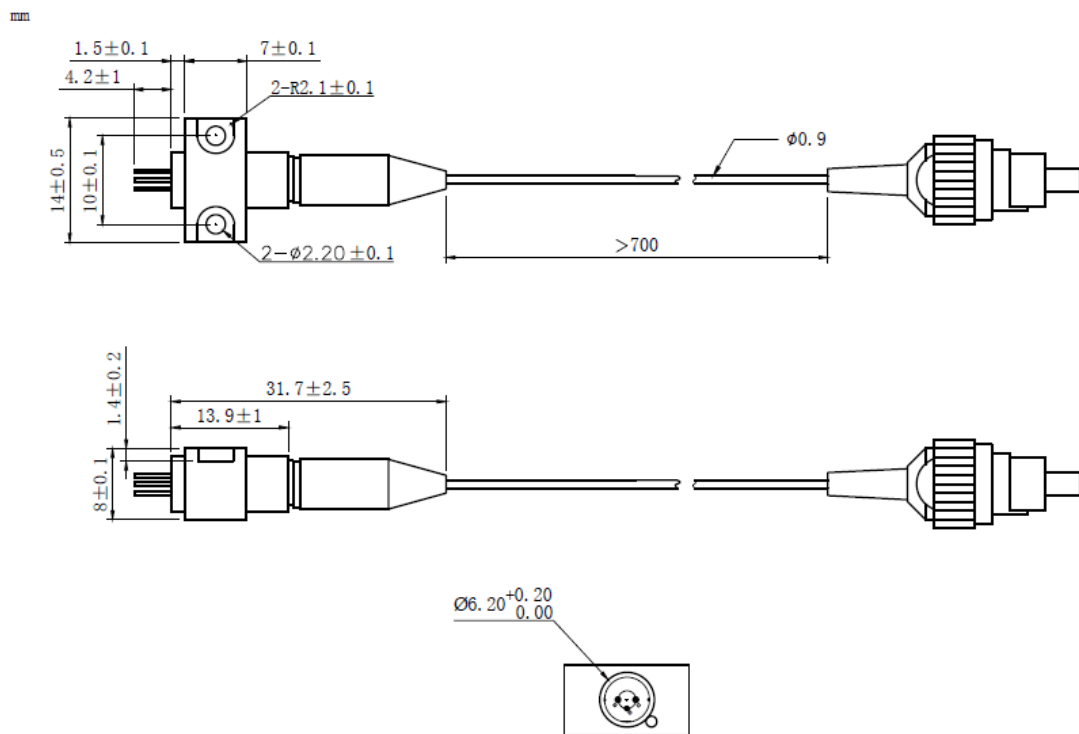
520nm Pigtailed Diode Laser		50mW/9um Fiber		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features:					
520nm Green Diode Laser 9um Fiber Coaxial or B82 package					
Applications:					
Medical Laser Treatment Others					
Specifications		WSLP-520-050m-9			
		Min	Type	Max	
Center Wavelength@25°C		+ / -5nm	520nm	+ / -10nm	
Spectral Width (FWHM)		----	2.0nm	----	
Output Power		----	50mW	----	
Fiber Type		SMF-28			
Fiber Core		9um			
Recommend Operating Temperature		25°C			
Fiber Connector		FC/SC/SMA905			
Fiber Length		>80cm			
Threshold Current		----	65mA	95mA	
Operating Current		----	270mA	290mA	
Operating Voltage		----	7.0V	8.0V	
Package Style		Coaxial or B82			



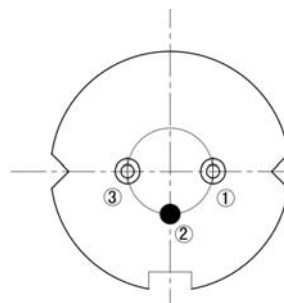
Coaxial Package View: (Part Number: WSLP-520-050m-9)



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

