

505nm 20mW SM Coaxial Fiber Coupled Laser Diode with 9um Fiber | Green LD Module

500nm~505nm~510nm 20mW SM Pigtailed LD with 9um Fiber

WSLP-505-020m-9

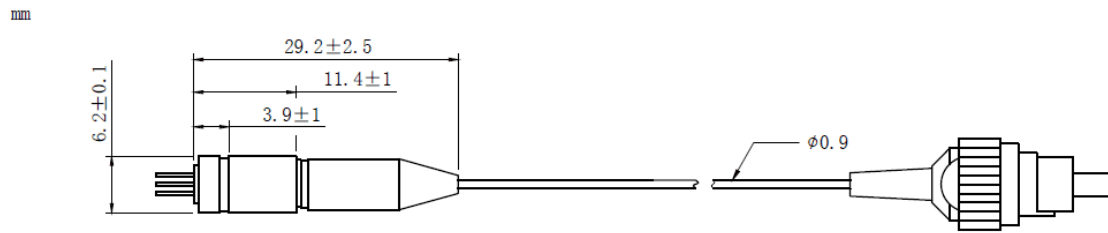
Wavespectrum Laser Group

www.wavespectrum-laser.com

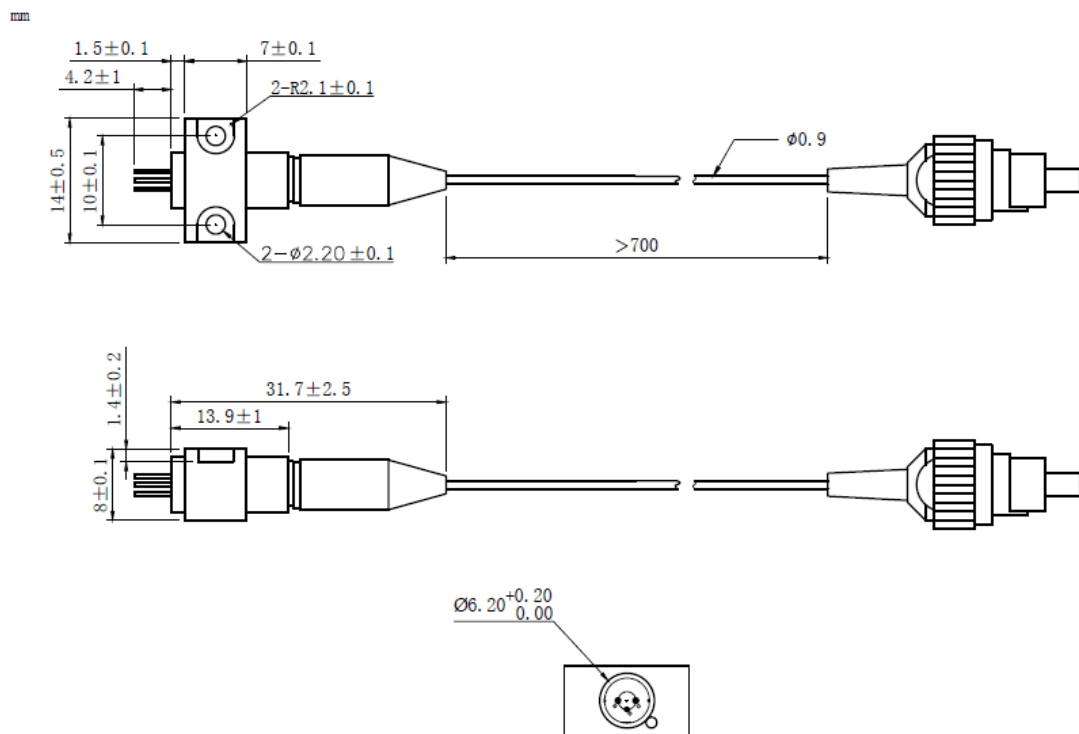
505nm Pigtailed Diode Laser		20mW/9um	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +60		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 505nm Green Diode Laser 9um Fiber Coaxial or B82 Package				
Applications: Medical Laser Treatment Others				
Specifications		WSLP-505-020m-9		
	Min	Type	Max	
Center Wavelength@25°C	505nm±10nm			
Spectral Width (FWHM)	----	2.0nm	----	
Output Power	----	20mW	----	
Fiber Type	SMF-28			
Fiber Core	9um			
Recommend Operating Temperature	25°C			
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			



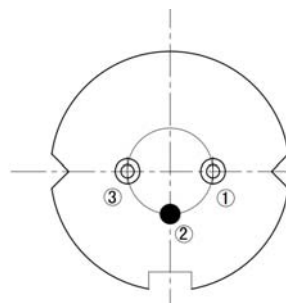
Coaxial Package View: (Part Number: WSLP-505-020m-9)



B82 Package View: (Part Number: WSLP-505-020m-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.**

