


520nm 50mW SM Coaxial Fiber Coupled Laser Diode with SMF | Green LD Module
515nm~520nm 50mW SM Pigtailed LD with Single Mode Fiber (SM Fiber)

WSLP-520-050m-4

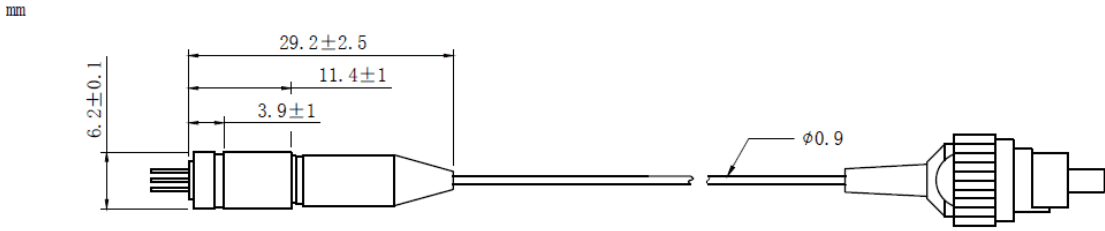
Wavespectrum Laser Group

www.wavespectrum-laser.com

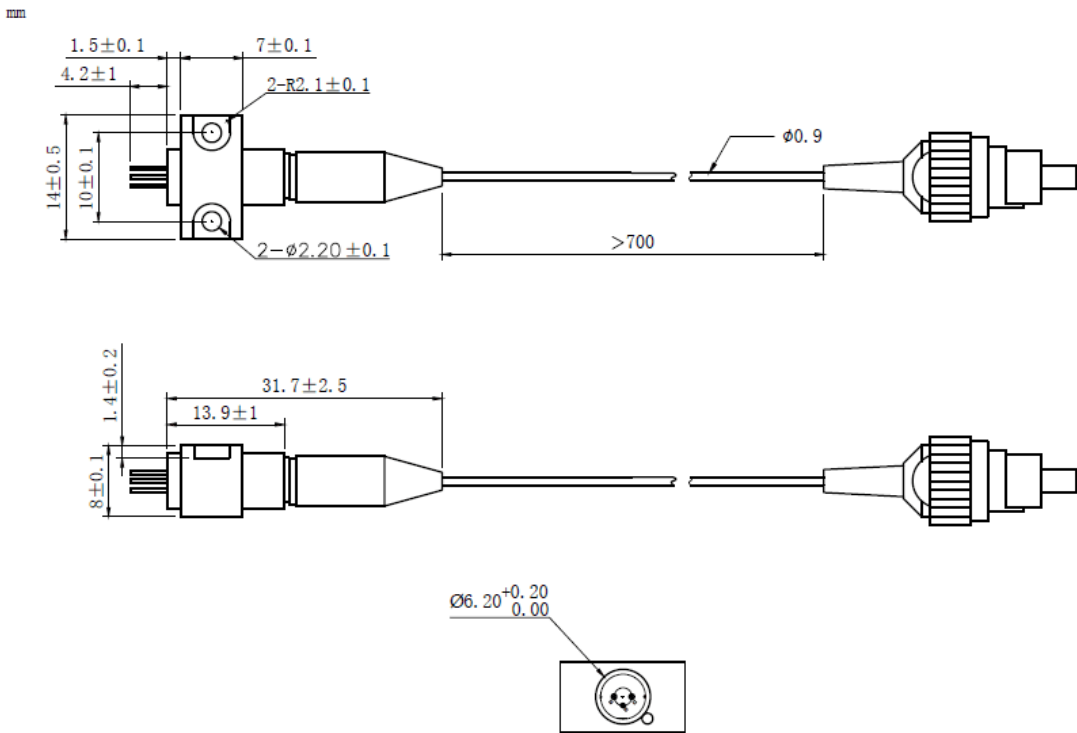
520nm Pigtailed Diode Laser		50mW/SM Fiber		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V_r	2.0		V	
Operating Temperature	T_{op}	-10~+60		°C	
Storage Temperature	T_{stg}	-40~+85		°C	
Lead soldering temperature (10 sec.)	T_{is}	260		°C	
Features: <ul style="list-style-type: none"> 520nm Green Diode Laser 3um SM Fiber Coaxial or B82 package 					
Applications: <ul style="list-style-type: none"> Medical Laser Treatment Others 					
Specifications	WSLP-520-050m-4				
	Min	Type	Max		
Center Wavelength@25°C	+/-5nm	520nm	+/-10nm		
Spectral Width (FWHM)	----	2.0nm	----		
Output Power	----	50mW	----		
Fiber Type	Single Mode Fiber				
Fiber Core	3um				
Recommend Operating Temperature	25°C				
Fiber Connector	FC/SC/SMA905				
Fiber Length	----	80cm	100cm		
Threshold Current	----	70mA	100mA		
Operating Current	----	290mA	310mA		
Operating Voltage	----	7.0V	8.0V		
Package Style	Coaxial or B82				



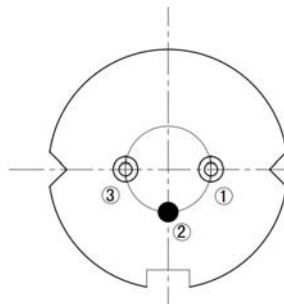
Coaxial Package View: (Part Number: WSLP-520-050m-4)



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

