

510nm~520nm 80mW Coaxial Pigtailed Diode Laser with MMF | Green LD Module

520nm 80mW Fiber Coupled Laser Diode with 50um 60um 105um Multi-mode Fiber

WSLP-520-080m-M

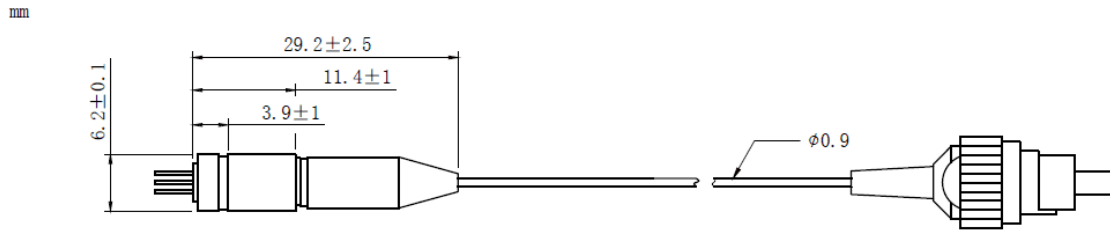
Wavespectrum Laser Group

www.wavespectrum-laser.com

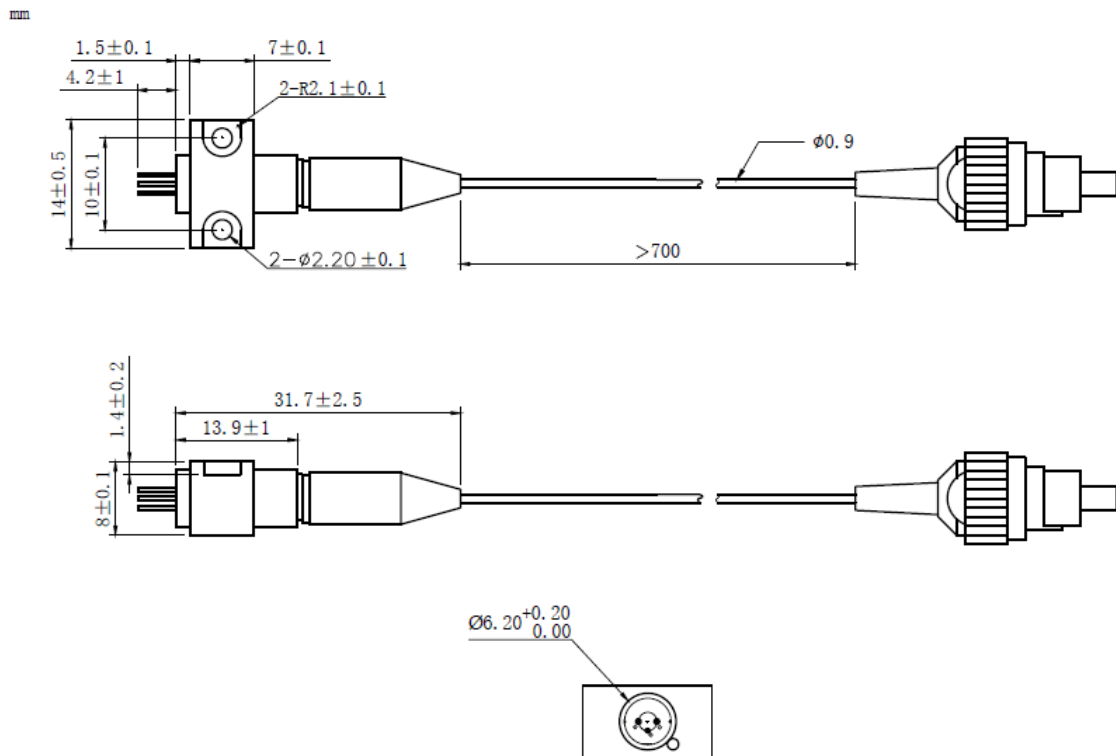
520nm Pigtailed Diode Laser		80mW/MM Fiber	Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +60		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 520nm Multi-mode Fiber Coaxial or B82 Package Photodiode Optional				
Applications: Medical Laser Treatment Others				
Specifications		WSLP-520-080m-M		
	Min	Type	Max	
Center Wavelength@25℃	510nm	520nm	530nm	
Spectral Width (FWHM)	----	2.0nm	----	
Output Power	----	80mW	----	
Fiber Core	105um (50um, 62.5um Optional)			
Recommend Operating Temperature	25℃			
Monitor Current	----	----	----	
PD Reverse Voltage	----	----	----	
Fiber Connector	FC/SC/SMA905			
Fiber Length	>80cm			
Threshold Current (Typ.)	----	65mA	95mA	
Operating Current (Typ.)	----	270mA	290mA	
Operating Voltage	----	7.0V	8.0V	
Package Style	Coaxial or B82			



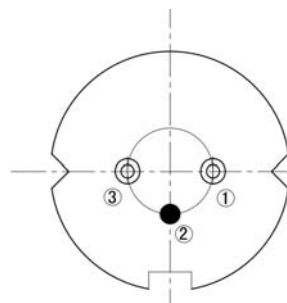
Coaxial Package View: (Part Number: WSLP-520-080m-M)



B82 Package View: (Part Number: WSLP-520-080m-M-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.

