

520nm 80mW~90mW SM Coaxial Fiber Coupled Laser Diode with 9um | Green LD Module
515nm~520nm 80mW SM Pigtailed LD with 9um SM Fiber (SMF-28 Fiber)

WSLP-520-080m-9

Wavespectrum Laser Group

www.wavespectrum-laser.com
520nm Pigtailed Diode Laser
80mW/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:

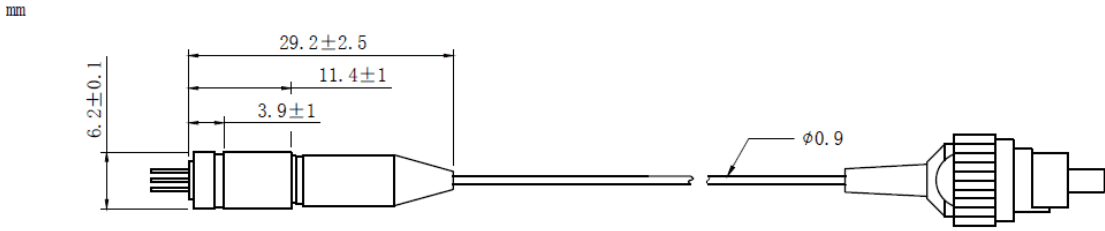
- Medical Laser Treatment
- Others


Specifications
WSLP-520-080m-9

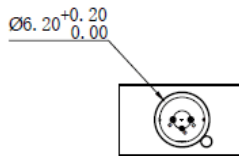
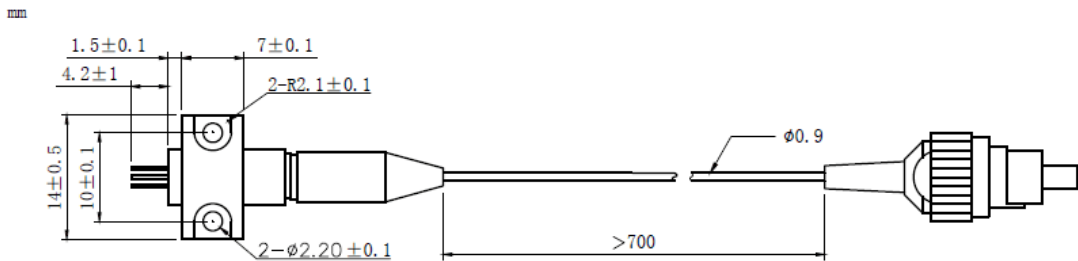
	Min	Type	Max
Center Wavelength@25°C	+/-5nm	520nm	+/-10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	80mW	----
Fiber Type	SMF-28		
Fiber Core	9um		
Recommend Operating Temperature	25°C		
Fiber Connector	FC/SC/SMA905		
Fiber Length	>80cm		
Threshold Current	----	70mA	100mA
Operating Current	----	290mA	310mA
Operating Voltage	----	7.0V	8.0V
Package Style	Coaxial or B82		



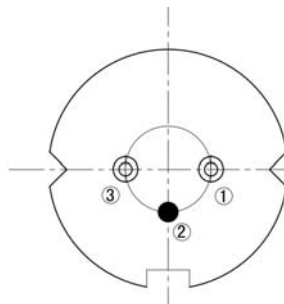
Coaxial Package View: (Part Number: WSLP-520-080m-9)



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

