

520nm 20mW SM Coaxial Fiber Coupled Laser Diode with 9um Fiber| Built-in Photodiode
515nm~520nm~530nm SM Pigtailed LD with Single Mode Fiber (SMF-28) | With PD

WSLP-520-020m-9-PD

Wavespectrum Laser Group

www.wavespectrum-laser.com

520nm 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:

- 🔸 520nm Green Diode Laser
- 🔸 9um SM Fiber
- 🔸 Coaxial or B8 Package
- 🔸 Built-in Photodiode

Applications:

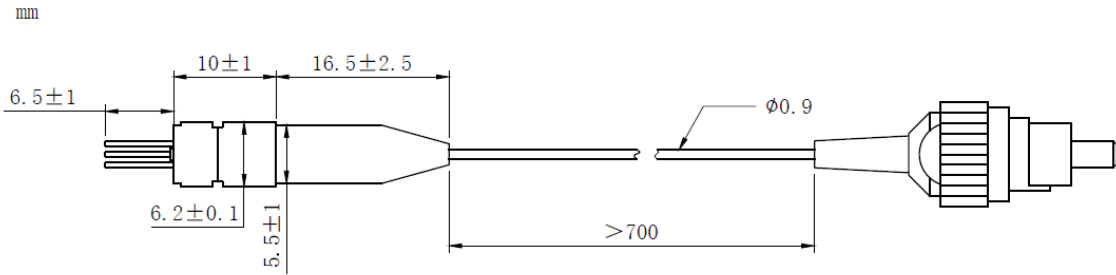
- 🔸 Medical Laser Treatment
- 🔸 Others


Specifications
WSLP-520-020m-9-PD

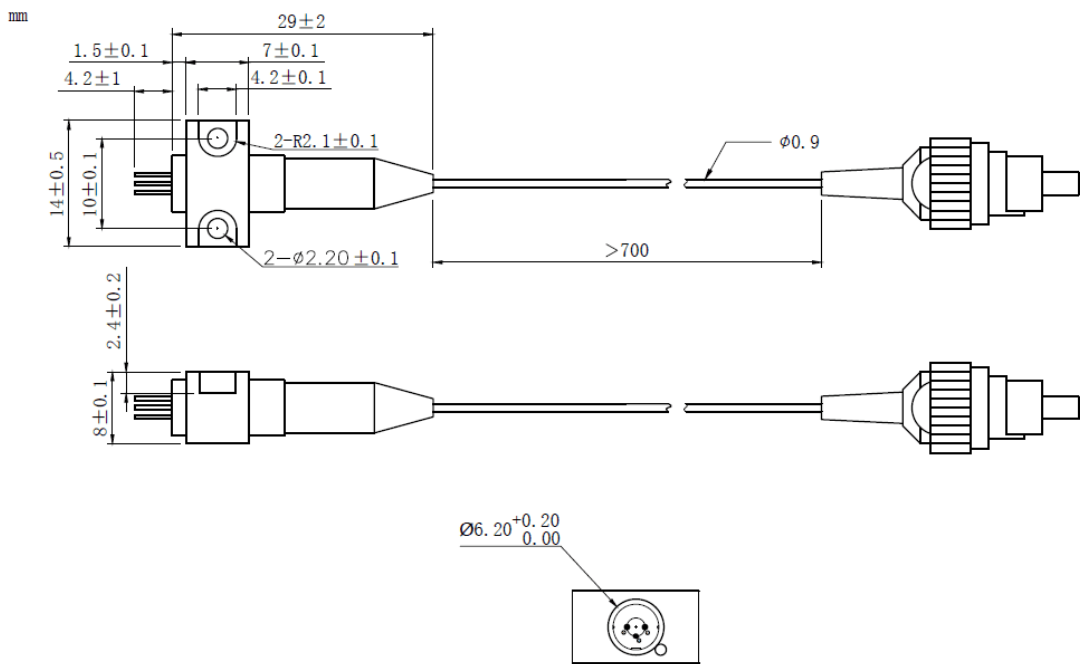
	Min	Type	Max
Center Wavelength@25°C	+/-5nm	520nm	+/-10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	20mW	----
Fiber Type	SMF-28		
Fiber Core	9um		
PD Current	100uA		
Recommend Operating Temperature	25°C		
Fiber Connector	FC/SC/SMA905		
Fiber Length	----	80cm	100cm
Threshold Current (Typ.)	----	45mA	75mA
Operating Current (Typ.)	----	160mA	180mA
Operating Voltage	----	7.5V	8.0V
Package Style	Coaxial or B8		
Photodiode	Built-in		



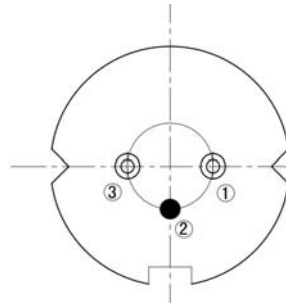
Coaxial Package View



B8 Package View



PIN Bottom View:



1	LD(-)
2	LD(+)&PD(-)
3	PD(+)



Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

