

505nm 20mW SM Coaxial Diode Laser with Polarization Maintaining Fiber
500nm~505nm~510nm 20mW PM Fiber Coupled Laser Diode with SMF | Green LD Module

WSLP-505-020m-PM

Wavespectrum Laser Group

www.wavespectrum-laser.com

505nm Pigtailed Diode Laser	20mW/PMF	en.wavespectrum-laser.com.cn
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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
- PM Fiber
- High Reliability
- High Polarization Extinction Ratio

Applications:

- Biological Instruments
- Analytical Equipment
- Others

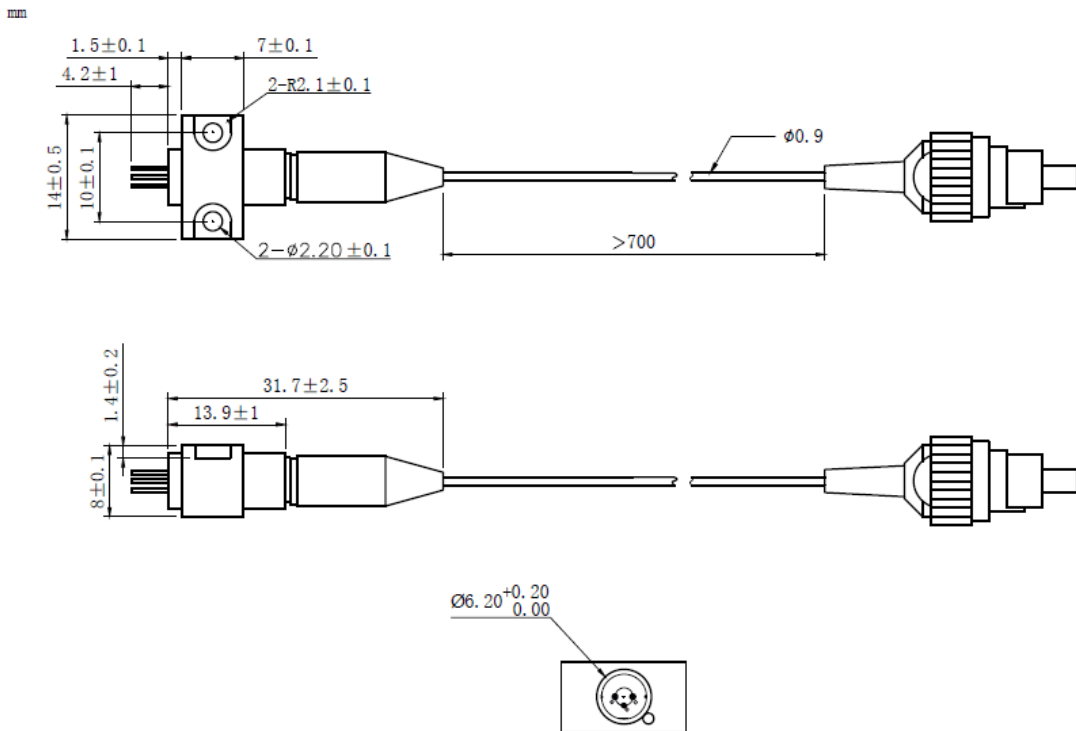
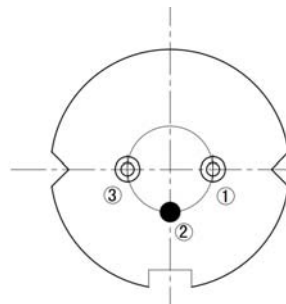

Specifications
WSLP-505-020m-PM

	Min	Type	Max
Center Wavelength@25°C	±5nm	505nm	±10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	20mW	----
Fiber Type	Polarization Maintaining Fiber		
Fiber Core	3um		
Polarization Extinction Ratio	13dB	15dB	----
Recommend Operating Temperature	25°C		
Fiber Connector	FC/APC		
Fiber Length	----	80cm	100cm
Threshold Current	----	55mA	95mA
Operating Current	----	220mA	240mA
Operating Voltage	----	7.5V	8.0V
Package Style	Coaxial or B82		

High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.



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

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

