


505nm 5mW Coaxial Diode Laser with Polarization Maintaining Fiber| Built-in Photodiode
500nm~505nm~510nm 5mW PM Fiber Coupled Green LD with SMF | With PD

WSLP-505-005m-PM-PD

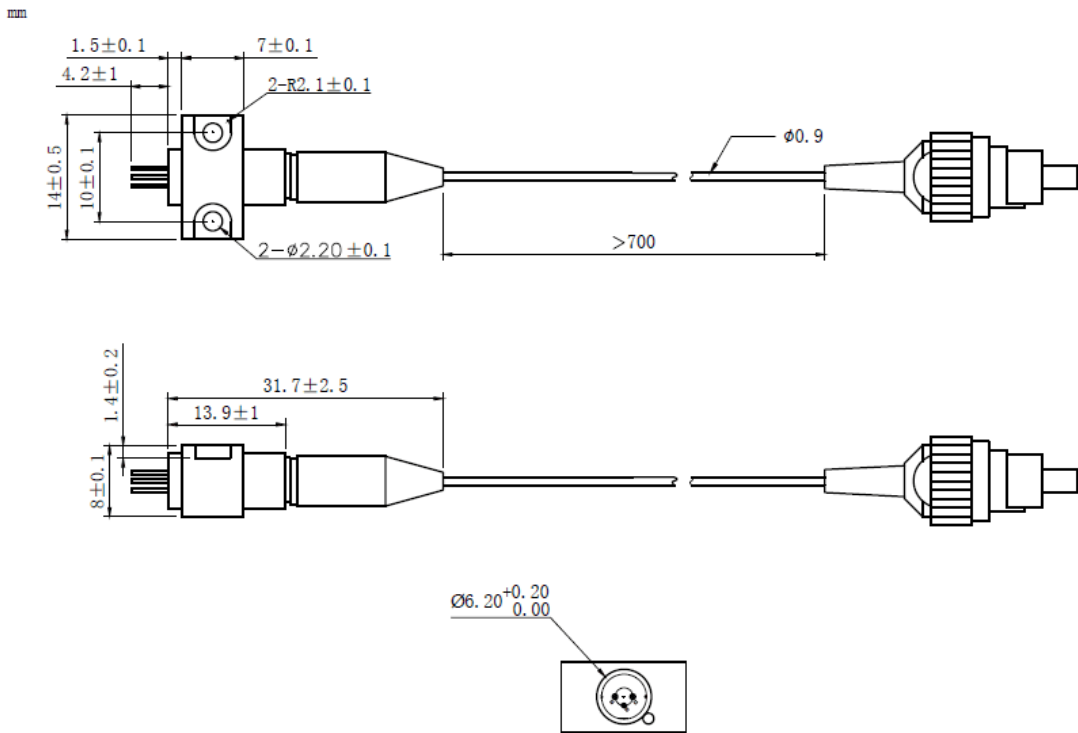
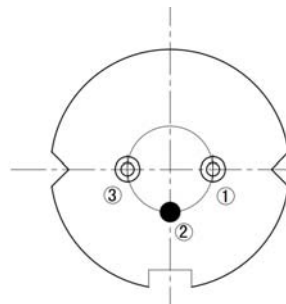
Wavespectrum Laser Group

www.wavespectrum-laser.com

505nm Pigtailed Diode Laser		5mW/PMF		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"> 505nm Green Diode Laser PM Fiber High Reliability High Polarization Extinction Ratio 					
Applications: <ul style="list-style-type: none"> Biological Instruments Analytical Equipment Others 					
Specifications	WSLP-505-005m-PM-PD				
	Min	Type	Max		
Center Wavelength@25°C	±5nm	505nm	±10nm		
Spectral Width (FWHM)	----	2.0nm	----		
Output Power	----	5mW	----		
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	----	60mA	100mA		
Operating Current	----	120mA	150mA		
Operating Voltage	----	7.0V	8.0V		
Photodiode	Built-in				
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-505-005m-PM-PD)

B82 Package View: (Part Number: WSLP-505-005m-PM-B-PD)

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.

