


520nm 40mW Coaxial Diode Laser with Polarization Maintaining Fiber| Green Laser Module
515nm~520nm~530nm PM Fiber Coupled Green LD with SMF | Built-in PD Optional
WSLP-520-040m-PM **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

520nm Pigtailed Diode Laser	40mW/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}	-20 ~ +60	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C

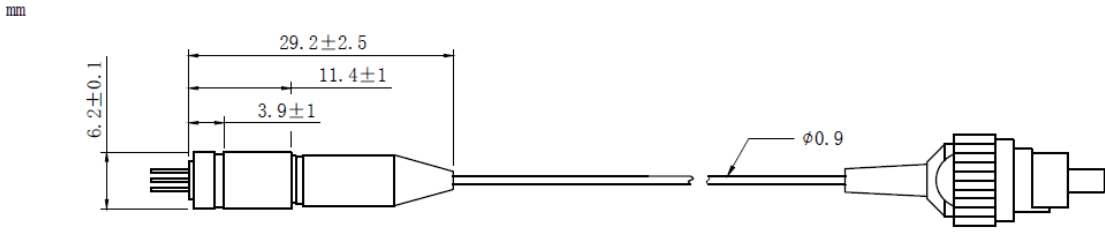
Features: <ul style="list-style-type: none"> ● 520nm Green Diode Laser ● PM Fiber ● High Reliability ● High Polarization Extinction Ratio 	
Applications: <ul style="list-style-type: none"> ● Biological Instruments ● Analytical Equipment ● Others 	

Specifications	WSLP-520-040m-PM		
	Min	Type	Max
Center Wavelength@25°C	510nm	520nm	530nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	40mW	----
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		
Threshold Current	----	65mA	100mA
Operating Current	----	280mA	300mA
Operating Voltage	----	7.0V	8.0V
Photodiode	Optional		
Package Style	Coaxial or B82		

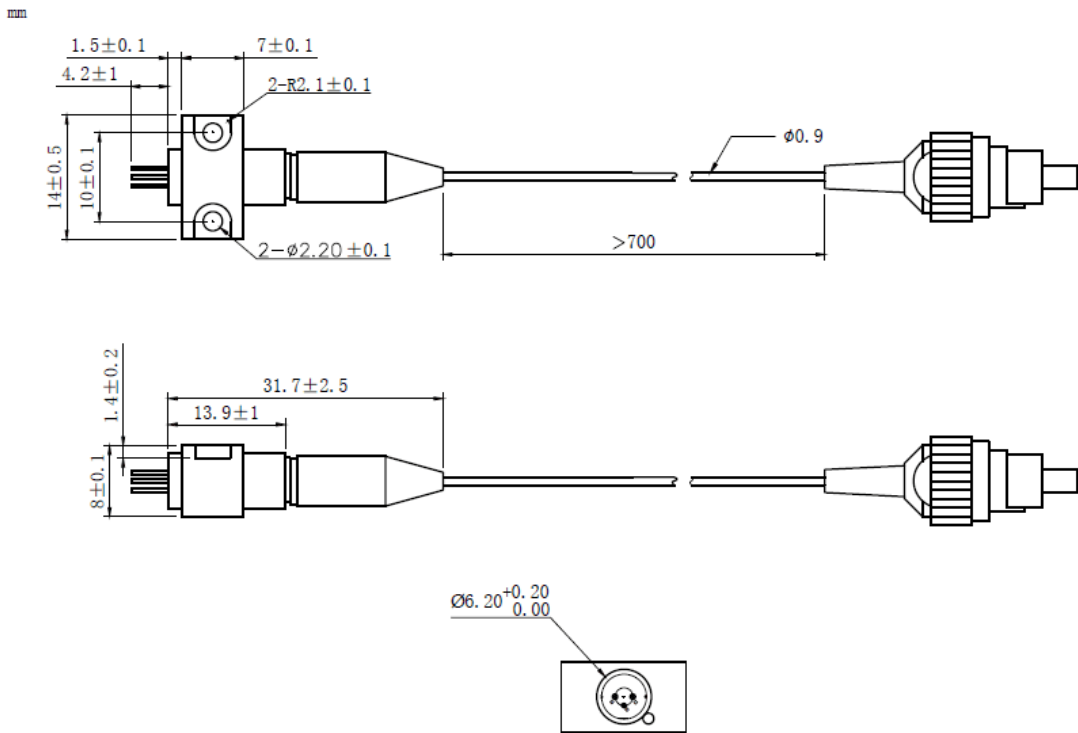
High Polarization Extinction Ratio (PER) Version Laser Module is also available, please contact us.



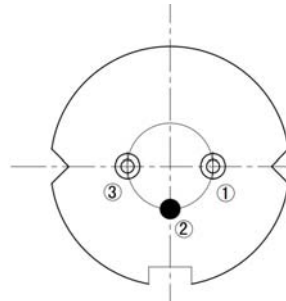
Coaxial Package View: (Part Number: WSLP-520-040m-PM)



B82 Package View: (Part Number: WSLP-520-040m-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.

