


520nm 30mW SM Coaxial Fiber Coupled Laser Diode with 9um Fiber | Built-in Photodiode
515nm~520nm~530nm Pigtailed Green LD with 9um Fiber | With PD

WSLP-520-030m-9-PD

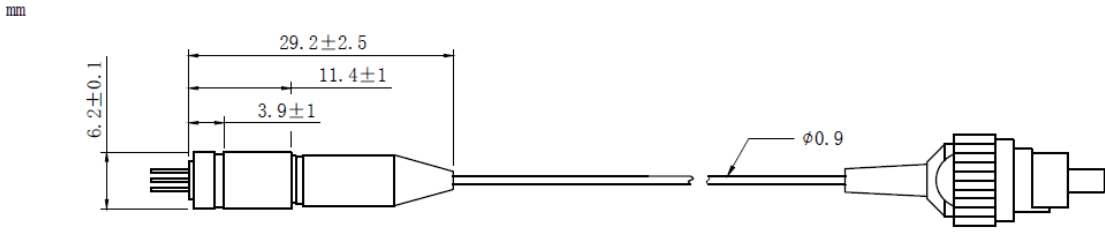
Wavespectrum Laser Group

www.wavespectrum-laser.com
en.wavespectrum-laser.com.cn

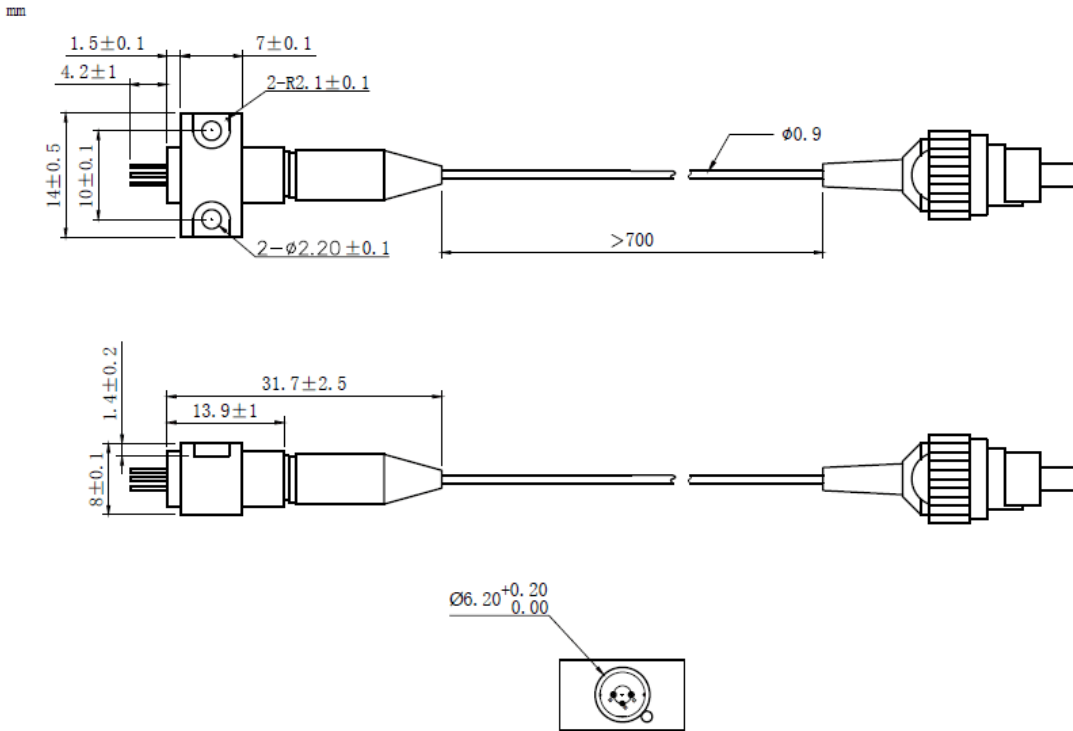
520nm Pigtailed Diode Laser		30mW/9um	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-20~+60	°C
Storage Temperature	T_{stg}	-40~+85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: <ul style="list-style-type: none"> 520nm Green Diode Laser 9um Fiber Coaxial or B82 Package Built-in Photodiode 			
Applications: <ul style="list-style-type: none"> Medical Laser Treatment Others 			
Specifications	WSLP-520-030m-9-PD		
	Min	Type	Max
Center Wavelength@25°C	+/-5nm	520nm	+/-10nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	30mW	----
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	----	45mA	75mA
Operating Current	----	200mA	220mA
Operating Voltage	----	7.5V	8.0V
Package Style	Coaxial or B82		
Photodiode	Built-in		



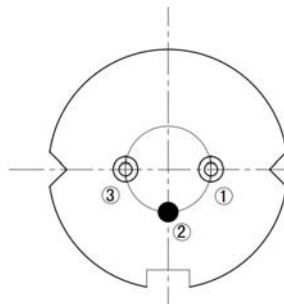
Coaxial Package View: (Part Number: WSLP-520-030m-9-PD)



B82 Package View: (Part Number: WSLP-520-030m-9-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.

