

488nm~490nm 50mW SM Coaxial Pigtailed Diode Laser Module with 9um Fiber

480nm~485nm~492nm SM Fiber Coupled LD with 9um Fiber

WSLP-488-050m-9

Wavespectrum Laser Group

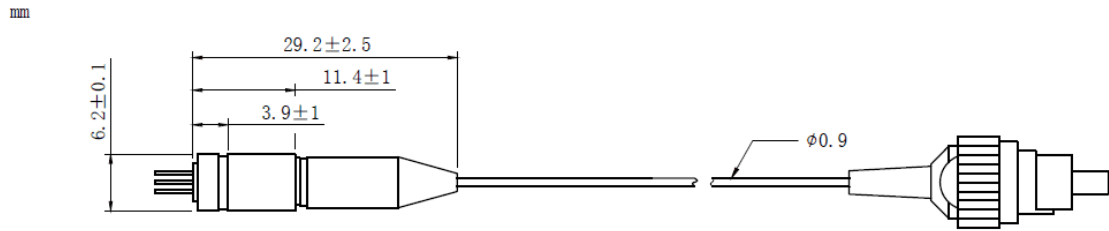
www.wavespectrum-laser.com

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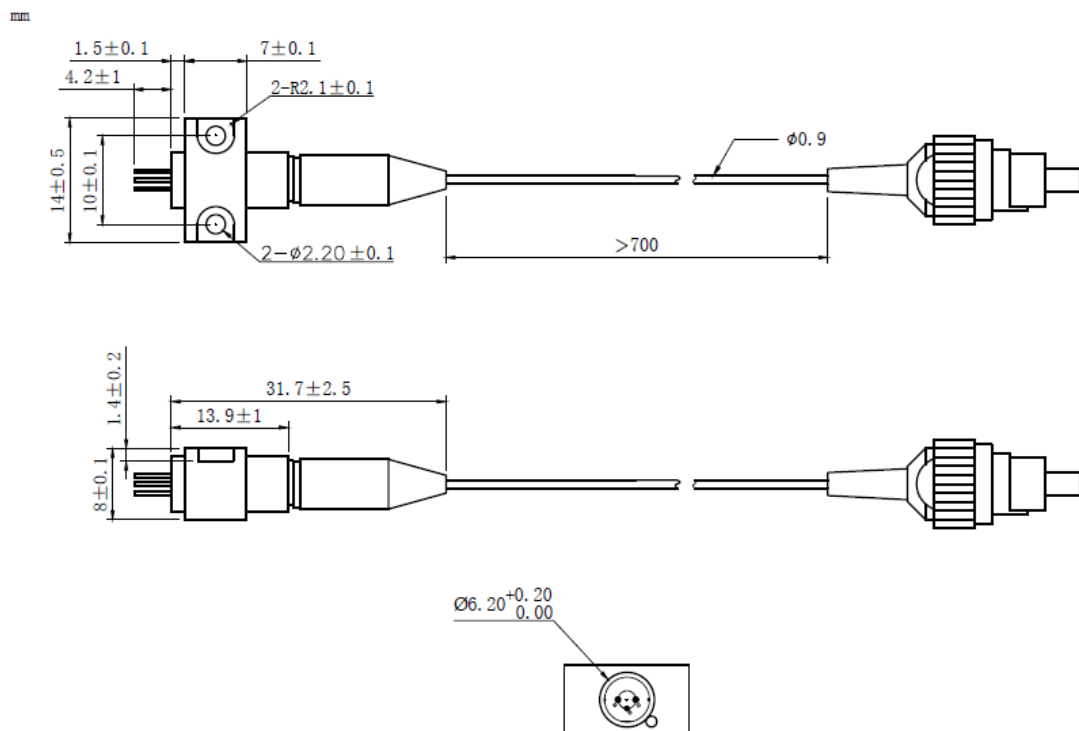
488nm Pigtailed Diode Laser		50mW/9um		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V _r	2.0		V	
Operating Temperature	T _{op}	-10 ~ +60		°C	
Storage Temperature	T _{stg}	-40 ~ +85		°C	
Lead soldering temperature (10 sec.)	T _{is}	260		°C	
Features:					
488nm Diode Laser					
9um Fiber					
Coaxial or B82 Package					
High Stability					
Applications:					
Medical Laser Treatment					
Biotechnology					
Others					
Specifications		WSLP-488-050m-9			
	Min	Type	Max		
Center Wavelength@25℃	488nm±10nm				
Spectral Width (FWHM)	----	2.0nm	----		
Output Power	----	50mW	----		
Fiber Type	SMF-28				
Fiber Core	9um				
Recommend Operating Temperature	25℃				
Fiber Length	>80cm				
Threshold Current	----	35mA	70mA		
Operating Current	----	150mA	170mA		
Operating Voltage	----	6.5V	8.0V		
Package Style	Coaxial or B82				
Fiber Connector	FC/SC/SMA905				
Photodiode	Without				



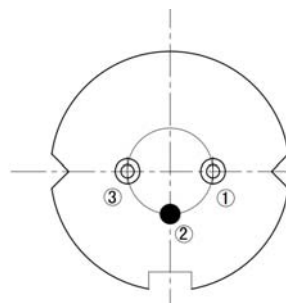
Coaxial Package View: (Part Number: WSLP-488-050m-9)



B82 Package View: (Part Number: WSLP-488-050m-9-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.

