

490nm~495nm 50mW Fiber coupled Diode Laser module with Coaxial Package| Blue LD Module
492nm~495nm Pigtailed LD with 50um, 62.5um or 105um Multi-mode Fiber (MM Fiber)
WSLP-495-050m-M **Wavespectrum Laser Group** **www.wavespectrum-laser.com**

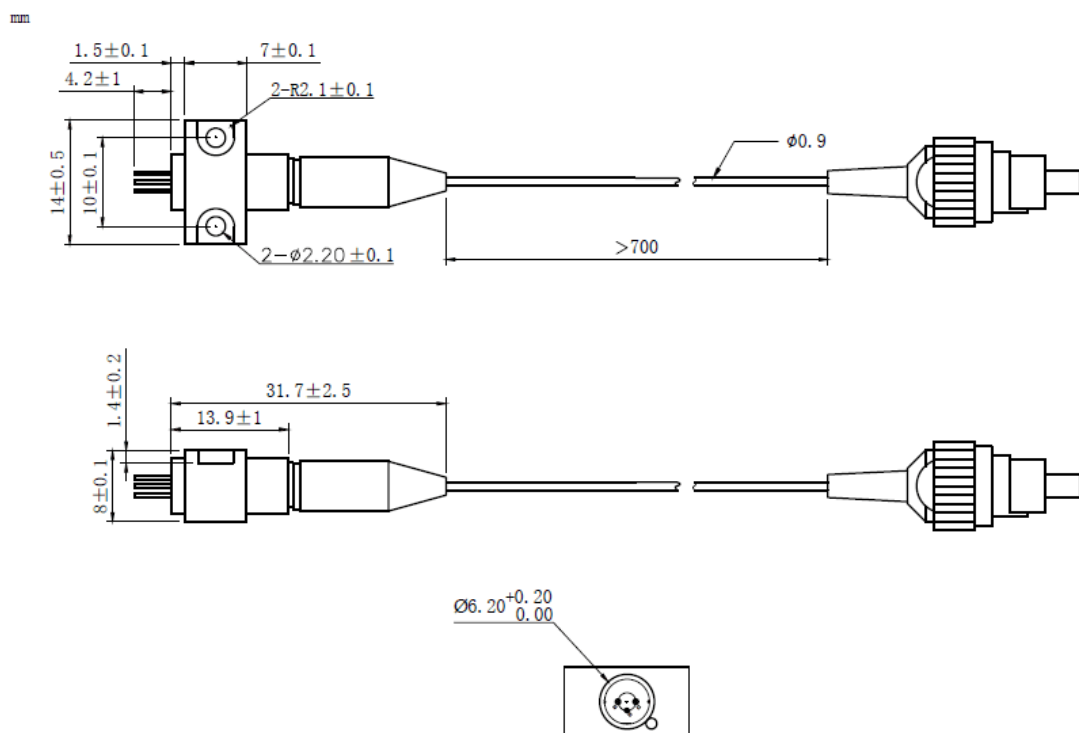
495nm Pigtailed Diode Laser		50mW/MMF		en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V _r	2.0		V	
Operating Temperature	T _{op}	-10 ~ +60		°C	
Storage Temperature	T _{stg}	-40 ~ +85		°C	
Lead soldering temperature (10 sec.)	T _{is}	260		°C	
Features: 495nm Diode Laser - Multi-mode Fiber - Coaxial or B82 Package - High Stability					
Applications: - Medical Laser Treatment - Biotechnology - Others					
Specifications		WSLP-495-050m-M			
		Min	Type	Max	
Center Wavelength@25℃		495nm±10nm			
Spectral Width (FWHM)		----	2.0nm	----	
Output Power		----	50mW	----	
Fiber Type		Multi-mode Fiber			
Fiber Core		105um (50um, 62.5um Optional)			
Recommend Operating Temperature		25℃			
Fiber Length		>80cm			
Threshold Current (Typ.)		----	20mA	60mA	
Operating Current (Typ.)		----	140mA	160mA	
Operating Voltage		----	6.5V	8.0V	
Package Style		Coaxial or B82			
Fiber Connector		FC/SC/SMA905			
Photodiode		Without			



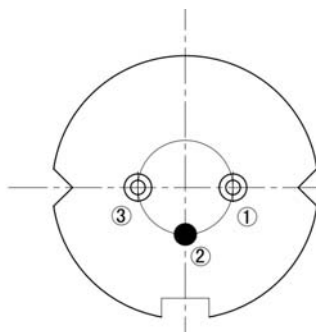
Coaxial Package View: (Part Number: WSLP-495-050m-M)



B82 Package View: (Part Number: WSLP-495-050m-M-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.

