

488nm~490nm 10mW Single Mode Coaxial Package Fiber Coupled Laser Diode Module
480nm~488nm~492nm SM Pigtailed LD with 3um Single Mode Fiber (SM Fiber)

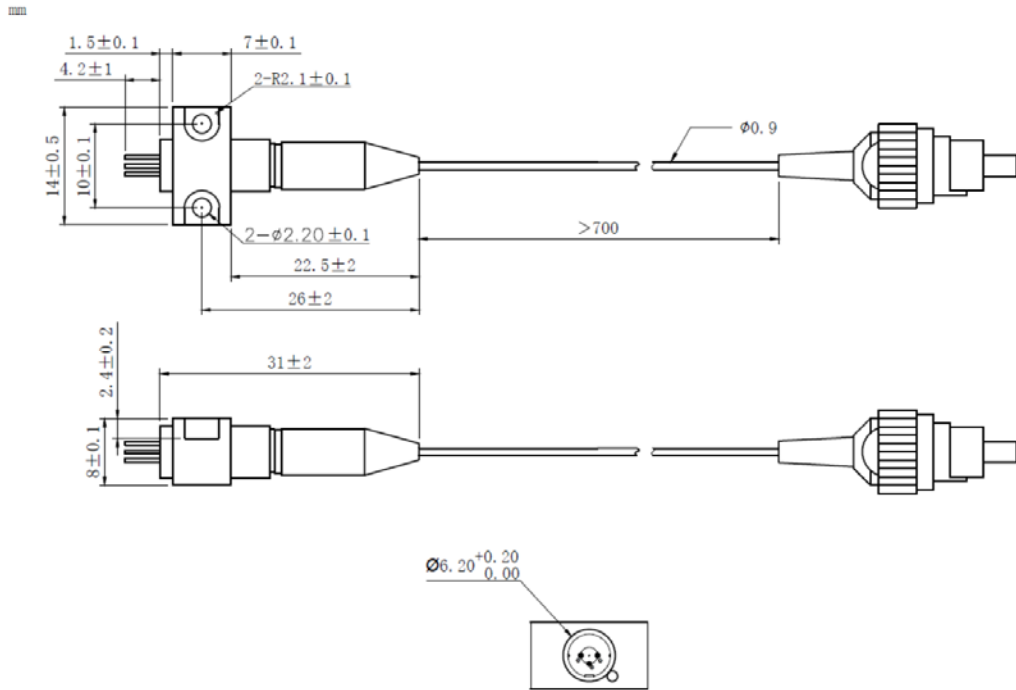
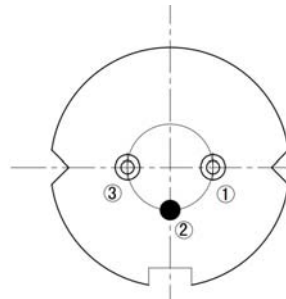
WSLP-488-010m-4

Wavespectrum Laser Group

www.wavespectrum-laser.com

488nm Pigtailed Diode Laser		10mW/SMF		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"> ● 488nm Diode Laser ● 3um SM Fiber ● B82 Package ● High Stability 					
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Biotechnology ● Others 					
Specifications	WSLP-488-010m-4				
	Min	Type	Max		
Center Wavelength@25°C	480nm	488nm	495nm		
Spectral Width (FWHM)	----	2.0nm	----		
Output Power	----	10mW	----		
Fiber Type	Single Mode Fiber				
Fiber Core	3um				
Recommend Operating Temperature	25°C				
Fiber Length	----	80cm	100cm		
Threshold Current (Typ.)	----	25mA	60mA		
Operating Current (Typ.)	----	100mA	120mA		
Operating Voltage	----	6.5V	7.5V		
Package Style	B82				
Fiber Connector	FC/SC/SMA905				
Photodiode	Without				



B82 Package View:

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.

