


500nm~505nm 10mW SM Coaxial Fiber Coupled Laser Diode with SMF | Green LD Module
505nm~510nm 10mW SM Pigtailed LD with Single Mode Fiber (SM Fiber)

WSLP-505-010m-4

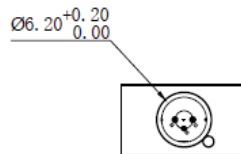
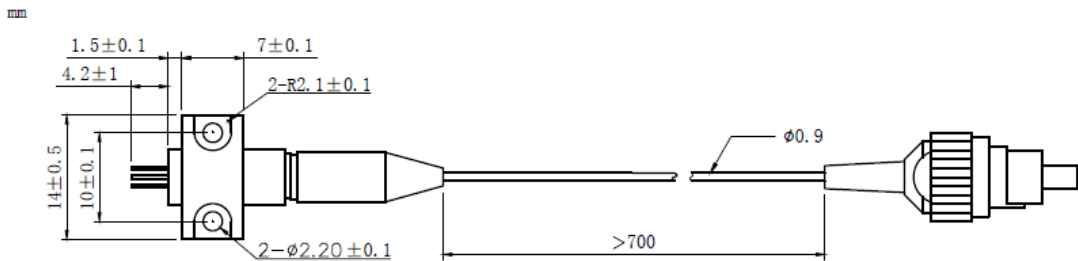
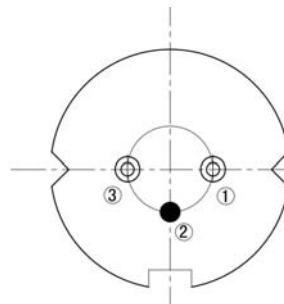
Wavespectrum Laser Group

www.wavespectrum-laser.com

505nm Pigtailed Diode Laser		10mW/SM Fiber		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"> 505nm Green Diode Laser 3um SM Fiber Coaxial or B82 Package 					
Applications: <ul style="list-style-type: none"> Medical Laser Treatment Others 					
Specifications	WSLP-505-010m-4				
	Min	Type	Max		
Center Wavelength@25°C	+/-5nm	505nm	+/-10nm		
Spectral Width (FWHM)	----	2.0nm	----		
Output Power	----	10mW	----		
Fiber Type	Single Mode Fiber				
Fiber Core	3um				
Recommend Operating Temperature	25°C				
Fiber Connector	FC/SC/SMA905				
Fiber Length	----	80cm	100cm		
Threshold Current	----	50mA	90mA		
Operating Current	----	180mA	200mA		
Operating Voltage	----	7.5V	8.0V		
Package Style	Coaxial or B82				



Coaxial Package View: (Part Number: WSLP-505-010m-4)

B82 Package View: (Part Number: WSLP-505-010m-4-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.

