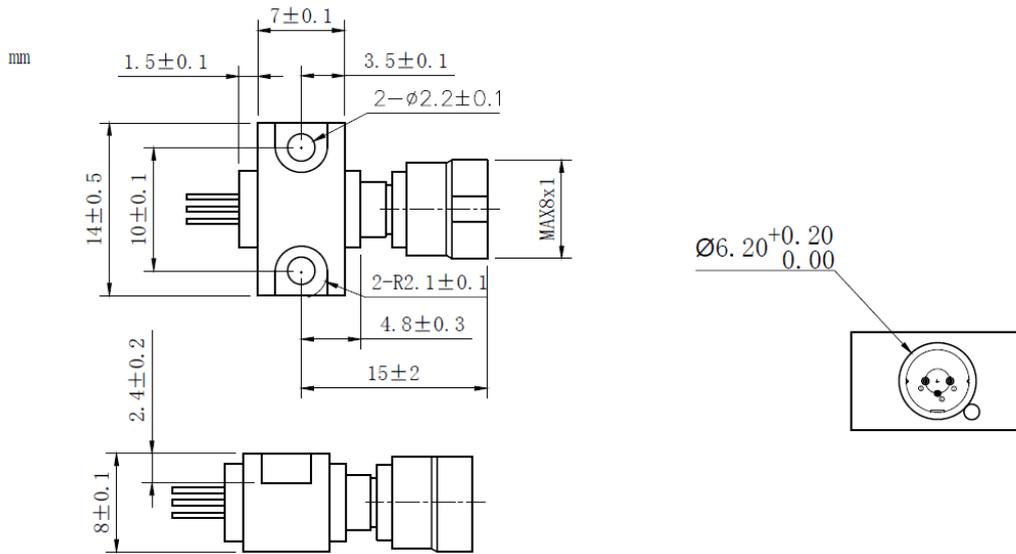


515nm~520nm 50mW Fiber Receptacle Diode Laser Module | Green LD Module
520nm 50mW Fiber Detachable Laser Diode | Used for 62.5um, 105um Multi-mode Fiber
WSLR-520-050m-M-B-PD
Wavespectrum Laser Group
www.wavespectrum-laser.com

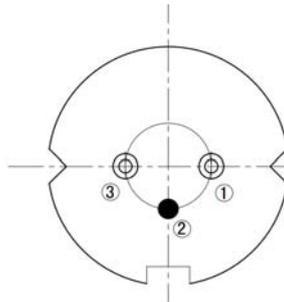
520nm Diode Laser		50mW/MM Fiber		Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE		UNIT	
Reverse Voltage	V_r	2.0		V	
Operating Temperature	T_{op}	-10~+60		°C	
Storage Temperature	T_{stg}	-40~+85		°C	
Lead soldering temperature (10 sec.)	T_{is}	260		°C	
Features: <ul style="list-style-type: none"> ● 520nm ● MM Fiber ● Fiber Receptacle Package 					
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Aiming Beam ● Others 					
Specifications	WSLR-520-050m-M-B-PD				
	Min	Type	Max		
Center Wavelength@25°C	$\pm 5\text{nm}$	520nm	$\pm 10\text{nm}$		
Spectral Width (FWHM)		2nm			
Output Power (After Fiber)	----	50mW	----		
Fiber Specification	105um (62.5um, 200um or more)				
	0.22 N.A (or more)				
Recommended work Temperature	25°C				
Monitor Current	----	----	30V		
PD Reverse Voltage	----	0.1mA	----		
Threshold Current (Typ.)	----	45mA	75mA		
Operating Current (Typ.)	----	200mA	220mA		
Operating Voltage	----	7.0V	8.0V		
Fiber Connector	FC				
Package Style	B8 Receptacle				



B8 Receptacle Package View (FC Connector) :



PIN Bottom View:



1	LD(-)
2	LD(+) & PD(-), Case
3	PD(+)

Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.

