

830nm 10mw~15mw Receptacle Laser Diode (LD) Module

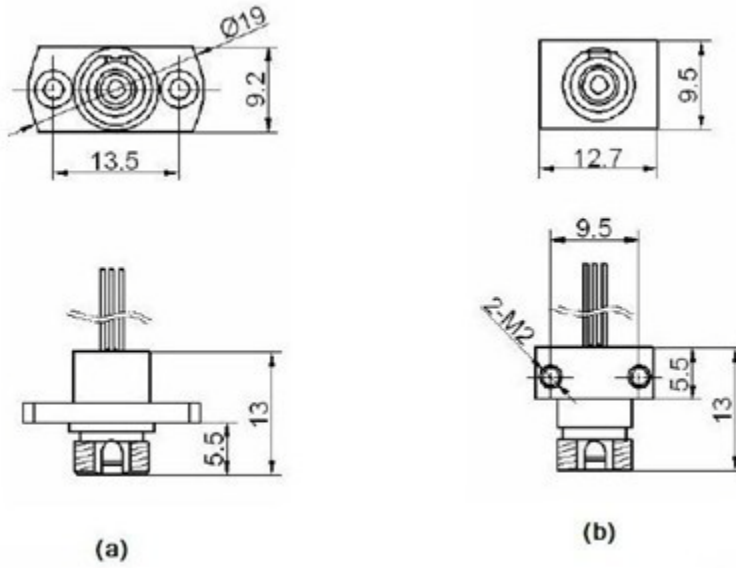
830nm MM Fiber Receptacle LD Module

WSLR-830-015m-M-PD

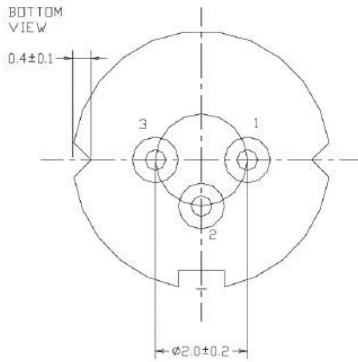
830nm Receptacle Diode Laser		15mW	Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE	UNIT	
Reverse Voltage	V_r	2.0	V	
Operating Temperature	T_{op}	-10 ~ +40	°C	
Storage Temperature	T_{stg}	-40 ~ +85	°C	
Lead soldering temperature (10 sec.)	T_{is}	260	°C	
Features: <ul style="list-style-type: none"> • 830nm • MM Fiber • Receptacle Package • Built-in PD 				
Applications: <ul style="list-style-type: none"> • Medical laser treatment • Others 				
Specifications	WSLR-830-015m-M-PD			
	Min	Type	Max	
Center Wavelength@25°C	820nm	830nm	840nm	
Spectral Width (FWHM)	----	2nm	3nm	
Optical Fiber Output Power (After Fiber)	----	15mw	----	
Fiber Specification	62.5um , 105um (or more)			
	0.22			
Slope Efficiency	0.3mW/mA	0.7mW/mA	----	
Monitor Current	----	0.3mA	----	
PD Reverse Voltage	----	30V	----	
Ferrule Type	FC			
Other Customized Ferrule Type	SC, ST			
Threshold Current (Typ.)	----	23mA	30mA	
Operating Current (Typ.)	----	63mA	73mA	
Operating Voltage	----	1.7V	2.3V	
Package Style	Receptacle			
Recommended Operating Temperature	25°C			



FC Connector Receptacle Package View



PIN Bottom View:



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

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

