

830nm 100mw SM Fiber Coupled LD with Single Mode Fiber

830nm | 80mw~100mw Output Power| SM Fiber Pigtailed Laser Diode |SMF | Built-in PD

WSLP-830-100m-4-PD

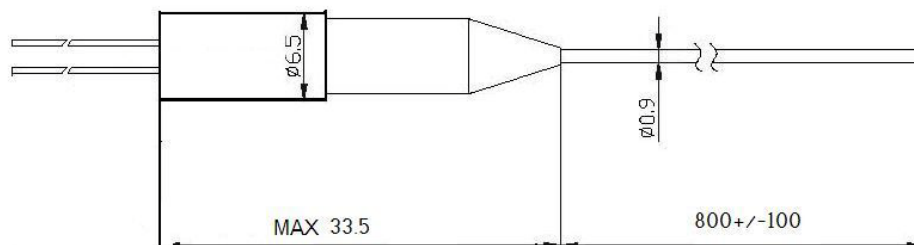
Wavespectrum Laser Group

www.wavespectrum-laser.com

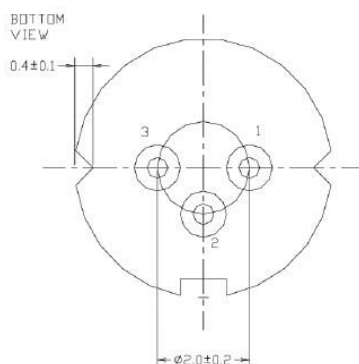
830nm Pigtailed Diode Laser		100mW/SM Fiber	Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	- 20 ~ + 50		°C
Storage Temperature	T _{stg}	- 40 ~ + 80		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features: 830nm SM Fiber Coaxial Package Built-in PD				
Applications: Medical laser treatment Others				
Specifications		WSLP-830-100m-4-PD		
	Min	Type	Max	
Center Wavelength@25°C	820nm	830nm	840nm	
Recommend Operating Temperature	25°C			
Output Power	----	80mw	100mw	
Fiber Type	Single Mode Fiber			
Fiber Core	5um			
Monitor Current	----	0.5mA	0.8mA	
PD Reverse Voltage	----	30V	----	
Fiber Connector	FC			
Fiber Length	----	80cm	100cm	
Threshold Current (Typ.)	----	20mA	40mA	
Operating Current (Typ.)	----	190mA	220mA	
Operating Voltage	----	1.9V	2.2V	
Package Style	Coaxial			
PD	Built-in			



Coaxial Package View



PIN Bottom View:



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

OR

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

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

