820nm～830nm～840nm 200mW Single Mode LD| SM Laser Diode|5.6mm TO18 Package

830nm SM Laser Diodes |Single Mode LD|200mW Power Built-in Photodiode

WSLD-830-200m-1-PD **Wavespectrum laser Group.** **www.wavespectrum-laser.com**

830nm Laser Diode PD 200mW/TO18			Wavespectrum Laser Group
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-20~+50	℃
Storage Temperature	T_{stg}	-40~+80	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 830nm
- Single Mode
- Built-in PD
- TO18 Package

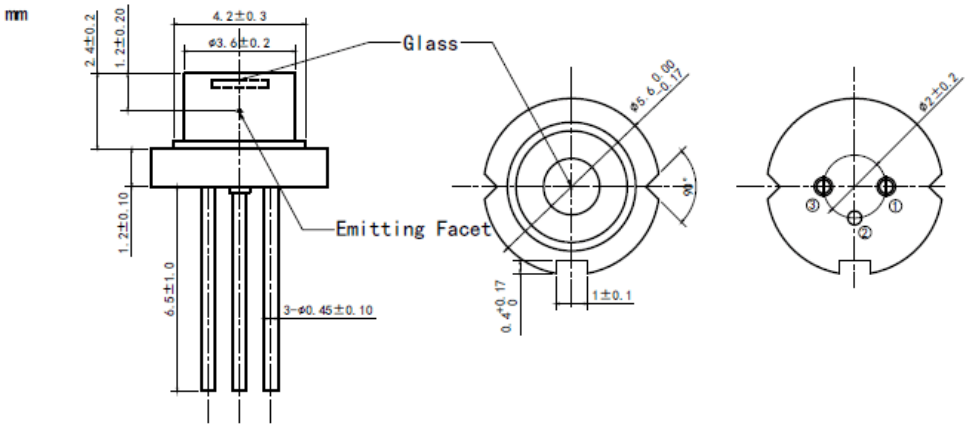
Applications:

- Medical Laser Treatment
- Laser Indicator
- Laser Detector

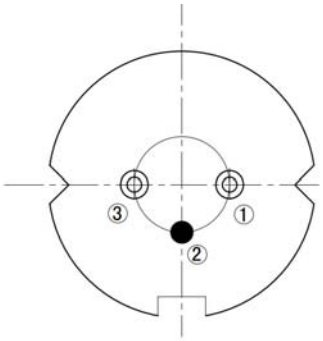
Specifications	WSLD-830-200m-1-PD		
	Min	Type	Max
Center Wavelength@25℃	±10nm	830nm	±15nm
Spectral Width (FWHM)		3.0nm	
Output Power		200mW	
Recommended Operating Temperature		25℃	
Beam Divergence (FWHM)		8°⊥ x28°//	
Monitor Current		0.6mA	
PD MAX Reverse Voltage		25V	
Slope Efficiency	----	1mW/mA	
Threshold Current (Typ.)	----	40mA	70mA
Operating Current (Typ.)	----	260mA	280mA
Operating Voltage	----	2.7V	3.2V
Package Style		TO18	

Wavespectrum Laser Group
www.wavespectrum-laser.com
sales@wavespectrum-laser.com

TO18(5.6mm) Package View



PIN Bottom View:



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

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

Wavespectrum Laser Group
www.wavespectrum-laser.com
sales@wavespectrum-laser.com