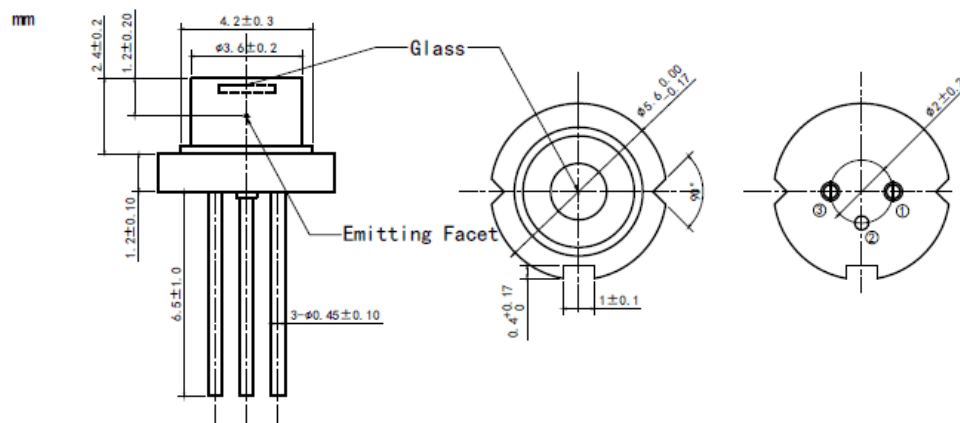


820nm~830nm~840nm 200mW Single Mode LD| SM Laser Diode|5.6mm TO18 Package
830nm SM Laser Diodes |Single Mode LD|200mW Power Built-in Photodiode
WSLD-830-200m-1-PD **Wavespectrum laser Group.** **www.wavespectrum-laser.com**

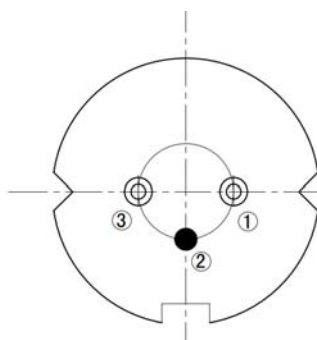
830nm Laser Diode PD 200mW/TO18		Wavespectrum Laser Group	
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-20 ~ +50	°C
Storage Temperature	T_{stg}	-40 ~ +80	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: 830nm - Single Mode - Built-in PD - TO18 Package Applications: - Medical Laser Treatment - Laser Indicator - Laser Detector			
Specifications		WSLD-830-200m-1-PD	
		Min	Max
Center Wavelength@25°C		830nm±15nm	
Spectral Width (FWHM)		3.0nm	
Output Power		200mW	
Recommended Operating Temperature		25°C	
Beam Divergence (FWHM)		28°± x8° //	
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	



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.

