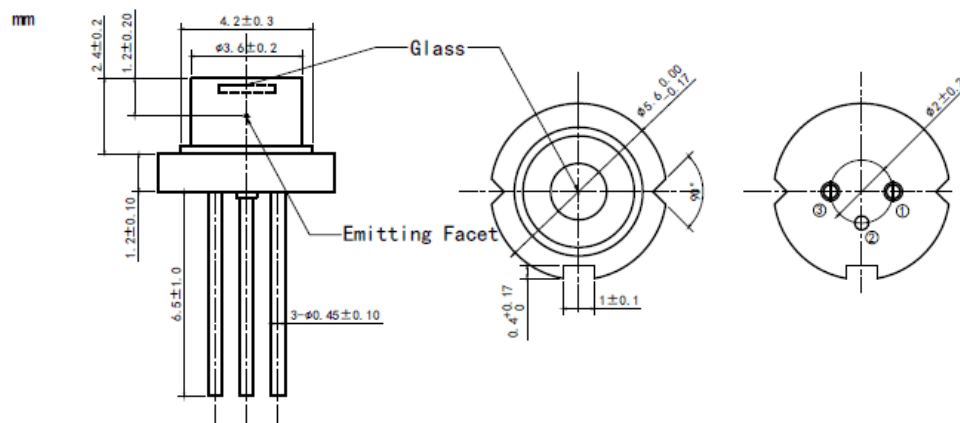


820nm~830nm~840nm 250mW Single Mode LD| SM Laser Diode|5.6mm TO18 Package
830nm SM Laser Diodes | High Power Single Mode LD| 250mW Power Built-in Photodiode
WSLD-830-250m-1-PD **Wavespectrum laser Group.** **www.wavespectrum-laser.com**

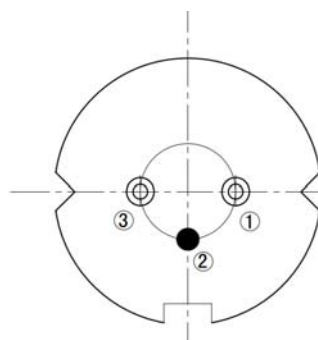
830nm Laser Diode PD 250mW/TO18		Wavespectrum Laser Group	
Reverse Voltage	V _r	2.0	V
Operating Temperature	T _{op}	-20 ~ +50	°C
Storage Temperature	T _{stg}	-40 ~ +80	°C
Lead soldering temperature (10 sec.)	T _{is}	260	°C
Features: 830nm Single Mode Built-in PD TO18 Package			
Applications: Medical Laser Treatment Laser Indicator Laser Detector			
Specifications		WSLD-830-250m-1-PD	
		Min	TypeMax
Center Wavelength@25℃		830nm±15nm	
Spectral Width (FWHM)		3.0nm	
Output Power		250mW	
Recommended Operating Temperature		25℃	
Beam Divergence (FWHM)		28°± x8°//	
Monitor Current		0.6mA	
PD MAX Reverse Voltage		25V	
Slope Efficiency		----	1mW / mA
Threshold Current (Typ.)		----	40mA80mA
Operating Current (Typ.)		----	300mA330mA
Operating Voltage		----	2.8V3.5V
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.

