

820nm~830nm 100mW Single Mode LD| SM Laser Diode|5.6mm TO18 Package

830nm 100mW SM Laser Diodes |Single Mode LD| Build-in Photodiode

WSLD-830-100m-1-PD

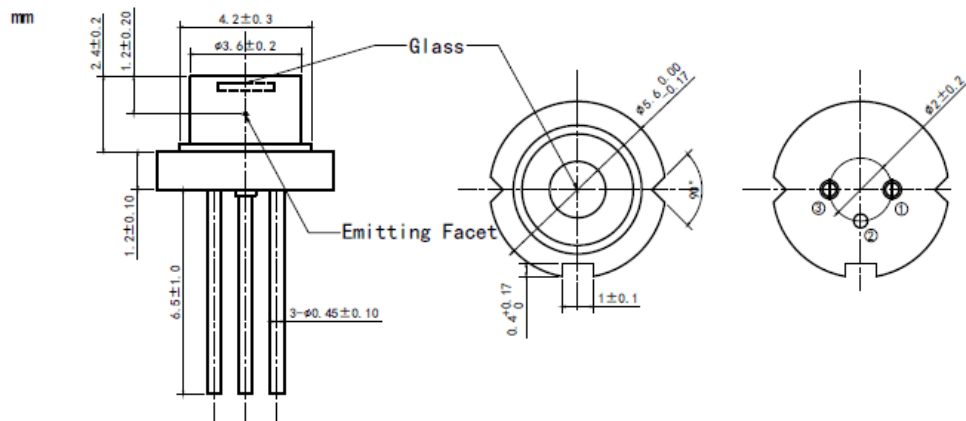
Wavespectrum laser Group.

www.wavespectrum-laser.com

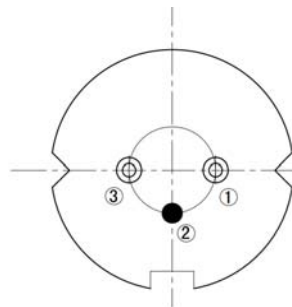
830nm Laser Diode		100mW/TO18		Wavespectrum Laser Group	
Reverse Voltage	V _r	2.0		V	
Operating Temperature	T _{op}	-20 ~ +50		°C	
Storage Temperature	T _{stg}	-40 ~ +80		°C	
Lead soldering temperature (10 sec.)	T _{is}	260		°C	
Features: 830nm Single Mode Built-in PD TO18 Package					
Applications: Medical Laser Treatment Laser Indicator Laser Detector					
Specifications		WSLD-830-100m-1-PD			
		Min	Type	Max	
Center Wavelength@25℃		830nm±15nm			
Spectral Width (FWHM)		3.0nm			
Output Power		100mW			
Recommended Operating Temperature		25℃			
Beam Divergence (FWHM)		28°⊥ x8°//			
Monitor Current		0.5mA			
PD MAX Reverse Voltage		25V			
Slope Efficiency		----	0.85mW / mA	----	
Threshold Current (Typ.)		----	35mA	55mA	
Operating Current (Typ.)		----	150mA	170mA	
Operating Voltage			2.1V	2.6V	
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.

