

635nm 10mW~15mW Single Mode SM Laser Diode | With Photodiode

635nm~638nm SM LD|15mW Power|5.6mm package | Red Laser Diode With PD

WSLD-635-015m-1-PD

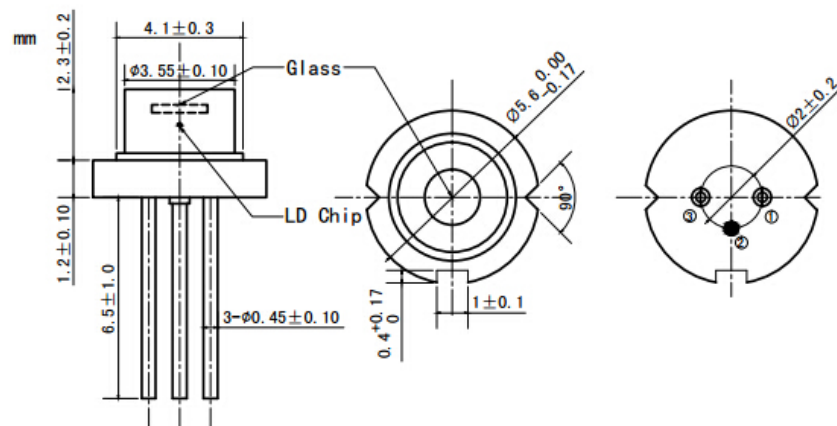
Wavespectrum Laser Group

www.wavespectrum-laser.com

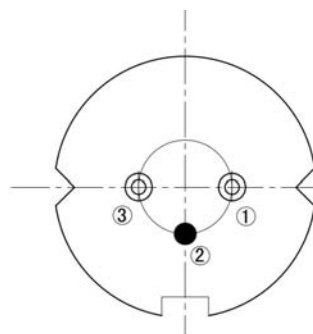
635nm Laser Diode		SM	15mW/TO18	en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +50		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 635nm CW Built-in PD Single Transverse Mode TO18 Package					
Applications: Medical Laser Treatment Laser Indicator Laser Detector					
Specifications			WSLD-635-015m-1-PD		
			Min	Type	Max
Center Wavelength@25°C			635nm±10nm		
Spectral Width (FWHM)			----	2.0nm	----
Output Power			10mW	15mW	----
Emitter			----	Single	----
Beam Divergence (FWHM)			30° _⊥ x 6° _{//}	33° _⊥ x 8° _{//}	40° _⊥ x 10° _{//}
Monitor Current			0.1mA	0.2mA	0.5mA
PD Reverse Voltage			----	----	30V
Threshold Current (Typ.)			----	35mA	40mA
Operating Current (Typ.)			----	70mA	80mA
Operating Voltage			----	2.3V	2.6V
Package Style			TO18		



Package View



Pin Out



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

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

