

670nm 15mW Single Mode Laser Diode| Built-in Photodiode

670nm 5.6mm Package|15mW| SM LD |Red Laser Diode with PD

WSLD-670-015m-1-PD

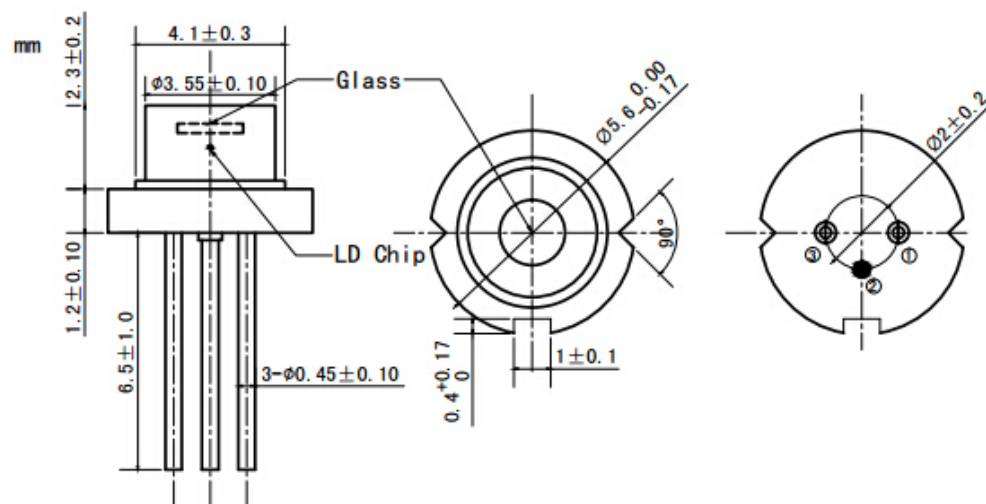
Wavespectrum Laser Group

www.wavespectrum-laser.com

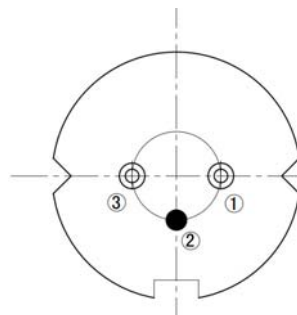
670nm Laser Diode		15mW/TO18		Wavespectrum Laser Group	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 670nm Single Mode Beam TO18 Package					
Applications: Medical laser treatment Laser indicator Others					
Specifications			WSLD-670-015m-1-PD		
			Min	Type	Max
Center Wavelength@25°C			660nm	670nm	680nm
Spectral Width (FWHM)			2.0nm		
Output Power (CW)			----	15mW	----
Emitter			Single		
Beam Divergence (FWHM)			----	24°⊥ x 9°//	----
Monitor Current			----		
Slope Efficiency			----	1.0mW / mA	----
Threshold Current (Typ.)			----	20mA	30mA
Operating Current (Typ.)			----	35mA	40mA
Operating Voltage			----	2.4V	2.8V
Package Style			TO18 (5.6mm)		



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.

