

650nm~660nm 100mW Single Mode Laser Diode With TO18 Package |Built-in Photodiode

650nm 5.6mm Package| 100mW| SM LD |With PD

WSLD-650-100m-1-PD

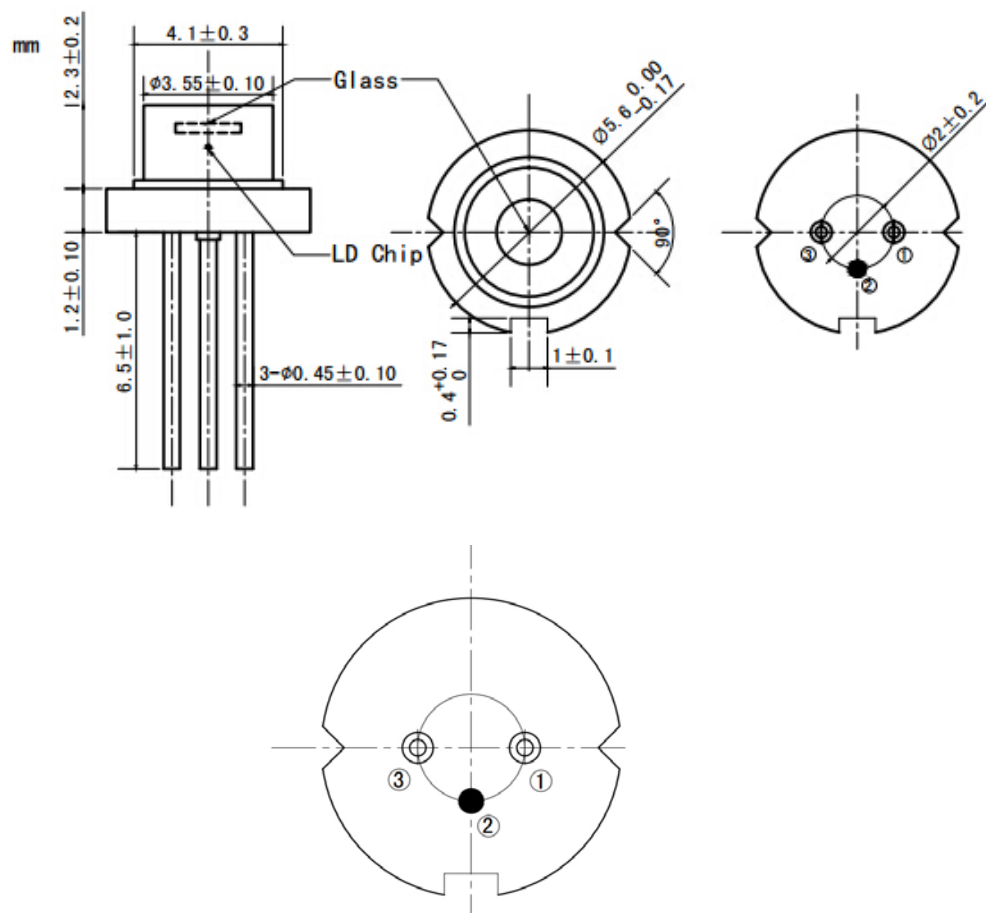
Wavespectrum Laser Group.

www.wavespectrum-laser.com

658nm Laser Diode		100mW/TO18		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	0 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 658nm Single Mode Built-in PD TO18 Package Applications: Medical Laser Treatment Laser Indicator Others					
Specifications			WSLD-650-100m-1-PD		
			Min	Type	Max
Center Wavelength@25°C			650nm	658nm	670nm
Spectral Width (FWHM)			2.0nm		
Output Power			----	100mW	----
Emitter			Single		
Beam Divergence (FWHM)			----	16° _⊥ x 10° _{//}	----
Monitor Current			0.2mA		
PD MAX Reverse Voltage				----	30V
Recommended Operation Temperature			25°C		
Slope Efficiency			----	1.0mW / mA	----
Threshold Current (Typ.)			----	55mA	----
Operating Current (Typ.)			----	160mA	----
Operating Voltage			----	2.6V	3.2V
Package Style			TO18 (5.6mm)		



TO18 Package 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.



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www.wavespectrum-laser.com
sales@wavespectrum-laser.com

