

658nm~660nm 100mW Single Mode Laser Diode| SM LD

660nm 5.6mm TO18 Package | 100mW| Red Laser Diode

WSLD-660-100m-1

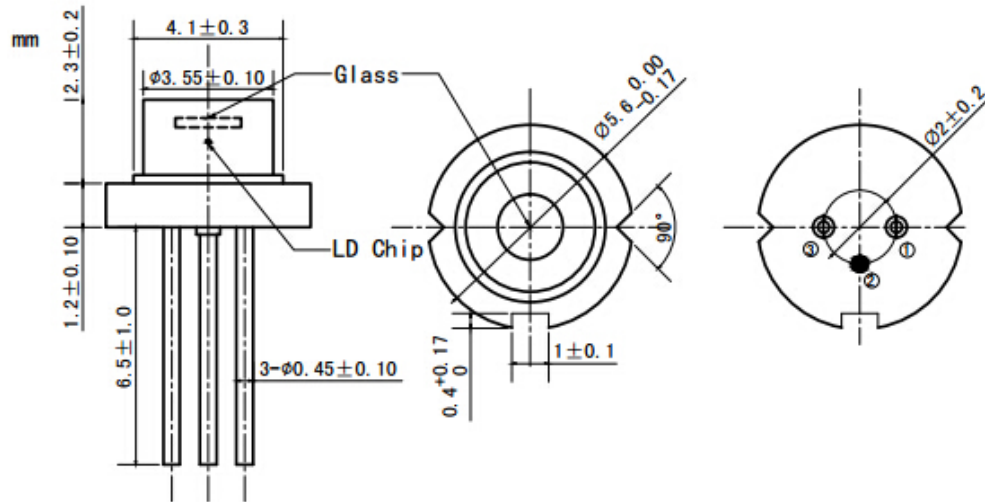
Wavespectrum Laser Group

www.wavespectrum-laser.com

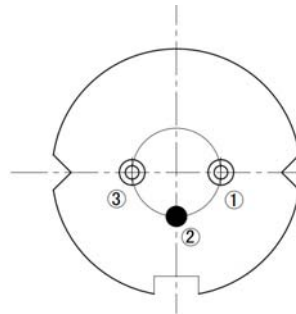
660nm Laser Diode		100mW/TO18	Wavespectrum Laser Group	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +60		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features:				
660nm - Single Mode - TO18 package				
Applications:				
- Medical laser treatment - Laser indicator				
Specifications		WSLD-660-100m-1		
		Min	Type	Max
Center Wavelength@25°C		650nm	660nm	670nm
Spectral Width (FWHM)		2.0nm		
Output Power		----	100mW	----
Emitter		Single		
Beam Divergence (FWHM)		----	17° _⊥ x 11° _∥	----
Monitor Current		----		
PD Reverse Voltage		----		
PD Forward Current		----		
Slope Efficiency		----	1.1mW / mA	----
Threshold Current (Typ.)		----	50mA	75mA
Operating Current (Typ.)		----	150mA	170mA
Operating Voltage		----	2.6V	3.2V
Package Style		TO18 (5.6mm)		



TO18(5.6mm) Package View



PIN Bottom View:



1	LD(+)
2	LD(-)
3	NC

Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.



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