

650nm~660nm 180mW Single Mode Laser Diode| SM LD

658nm 5.6mm Package|180mW| SM LD |Red Laser Diode

WSLD-650-180m-1

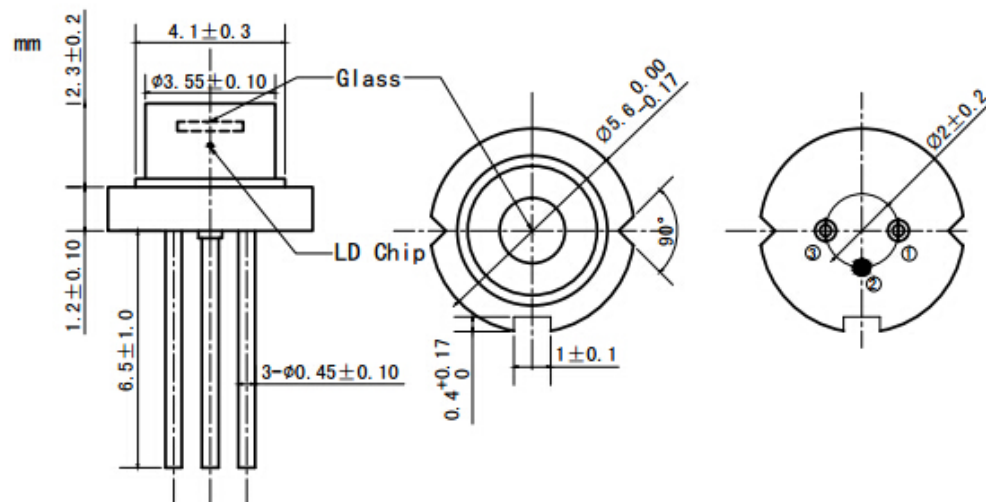
Wavespectrum Laser Group

www.wavespectrum-laser.com

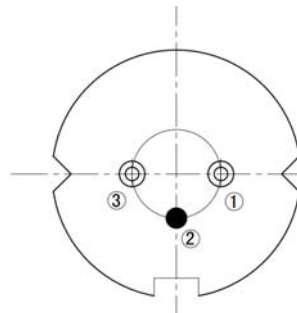
658nm Laser Diode		180mW/TO18		Wavespectrum Laser Group	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +50		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 658nm Single Mode Beam TO18 Package					
Applications: Medical Laser Treatment Laser Indicator Others					
Specifications			WSLD-650-180m-1		
			Min	Type	Max
Center Wavelength@25℃			±5nm	658nm	±10nm
Spectral Width (FWHM)			2.0nm		
Output Power (CW)			----	180mW	----
Emitter			Single		
Beam Divergence (FWHM)			----	14°± x 10°//	16°± x 13°//
Recommended Operating Temperature			25℃		
Slope Efficiency			----	1.0mW / mA	----
Threshold Current (Typ.)			----	50mA	80mA
Operating Current (Typ.)			----	240mA	260mA
Operating Voltage			----	2.8V	3.5V
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.

