

505nm 50mW~60mW Laser Diode| Single mode Green LD

505nm~510nm SM LD| 50mW Power| TO18 Package Green diode laser

WSLD-505-050m-1

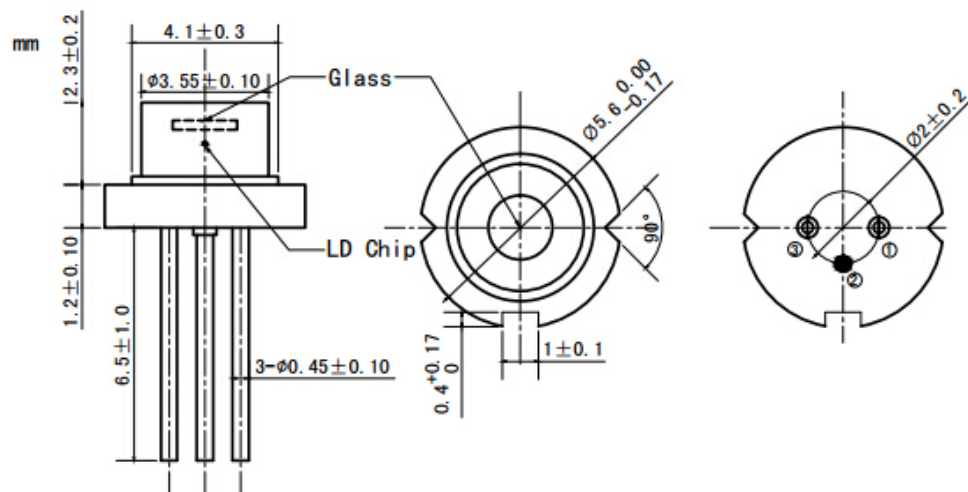
Wavespectrum Laser Group.

www.wavespectrum-laser.com

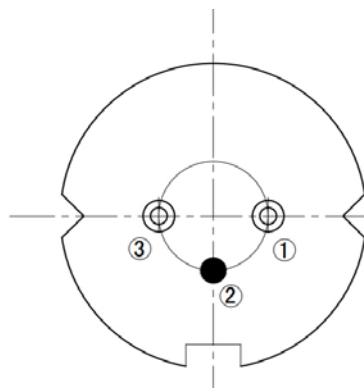
505nm Laser Diode		50mW/TO18	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	-10 ~ +60		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead soldering temperature (5 sec.)	T _{is}	260		°C
Features:				
505nm 50mW - Single Mode Beam - TO18 Package				
Applications:				
- Medical Laser Treatment - Laser Indicator - Laser Detector				
Specifications		WSLD-505-050m-1		
		Min	Type	Max
Center Wavelength@25°C		±5nm	505nm	±10nm
Spectral Width (FWHM)		2.0nm		
Output Power		----	50mW	----
Recommended Operating Temperature		25°C		
Beam Divergence (FWHM)		----	24°± x 9°//	----
Threshold Current (Typ.)		----	55mA	90mA
Operating Current (Typ.)		----	200mA	240mA
Operating Voltage		----	7.5V	8.0V
Package Style		TO18		



TO18 Package View



PIN Bottom View:



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

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

Suggest using the constant current power supply.

