

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

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

WSLD-505-050m-1

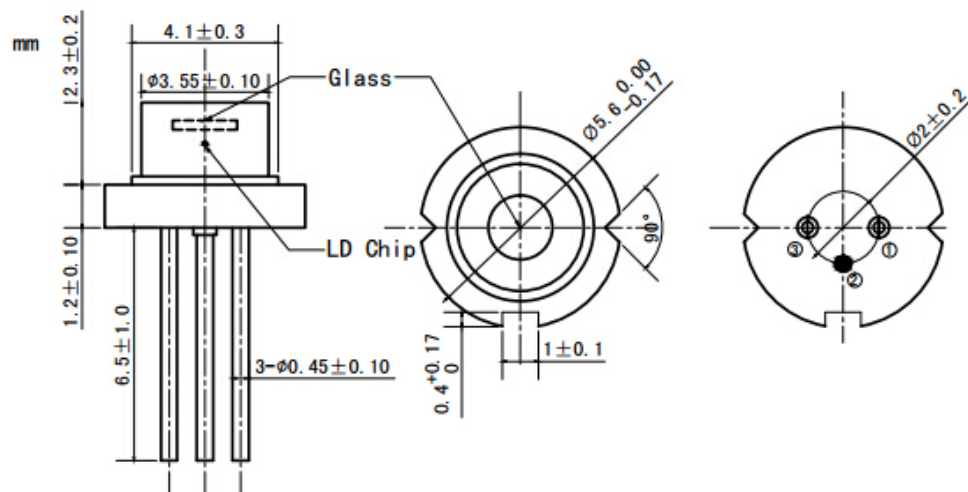
Wavespectrum Laser Group.

www.wavespectrum-laser.com

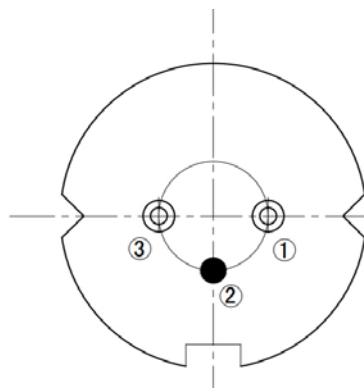
505nm Laser Diode		50mW/TO18		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (5 sec.)		T _{is}	260		°C
Features: 505nm 50mW Single Mode Beam TO18 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)			----	9°⊥ x 24°//	----
Threshold Current (Typ.)			----	60mA	90mA
Operating Current (Typ.)			----	160mA	180mA
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.

