

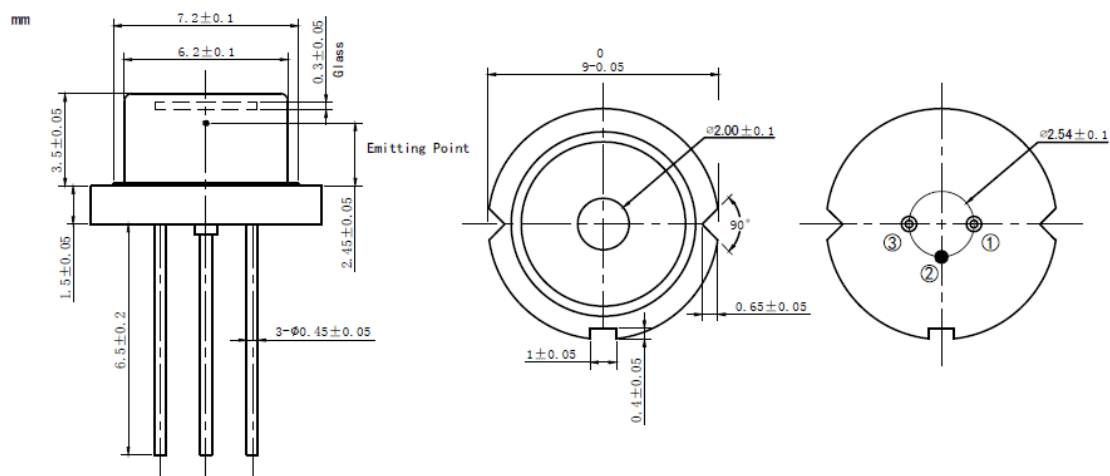
1064nm 100mW~120mW SM Laser Diode with PD | TO5 Package

1060nm~1064nm | Single Mode LD| 100mW Output Power | 9mm Package| Built-in Photodiodes
 WSLD-1064-100m-2-PD Wavespectrum Laser Group www.wavespectrum-laser.com

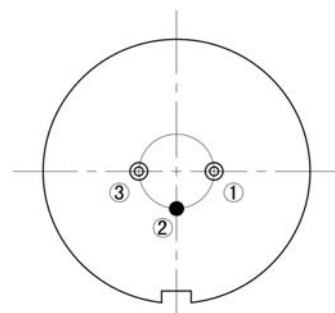
1064nm Laser Diode		100mW/TO5		Wavespectrum Laser Group	
Reverse Voltage	V _r	2.0		V	
Operating Temperature	T _{op}	-10 ~ +50		°C	
Storage Temperature	T _{stg}	-40 ~ +85		°C	
Lead soldering temperature (10 sec.)	T _{is}	260		°C	
Features: 1064nm - Built-in PD - Single Mode LD - TO5 Package					
Applications: - Medical Laser Treatment - Laser Indicator - Others					
Specifications		WSLD-1064-100m-2-PD			
		Min	Type	Max	
Center Wavelength@25°C		+/-5nm	1064nm	+/-15nm	
Spectral Width (FWHM)		----	2nm	----	
Output Power		----	100mW	----	
Emitter Size		----	4um*1um	----	
Beam Divergence (FWHM)		----	38°⊥ x 18°//	50°⊥ x 25°//	
Recommend Operating Temperature		25°C			
Slope Efficiency		----	0.7mW / mA	----	
Threshold Current (Typ.)		----	30mA	55mA	
Operating Current (Typ.)		----	200mA	220mA	
Operating Voltage		----	1.6V	2.5V	
Monitor Current		----	0.1mA	----	
Package Style		TO5			



TO5(9mm) Package View



PIN Bottom 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.



Wavespectrum Laser Group
www.wavespectrum-laser.com.cn
sales@wavespectrum-laser.com.cn

