

515nm~520nm 50mW Laser Diode| Single mode Green LD | With Photodiode

520nm SM LD| 50mW Power| TO18 Package Green diode laser With PD

WSLD-520-050m-1-PD

Wavespectrum Laser Group.

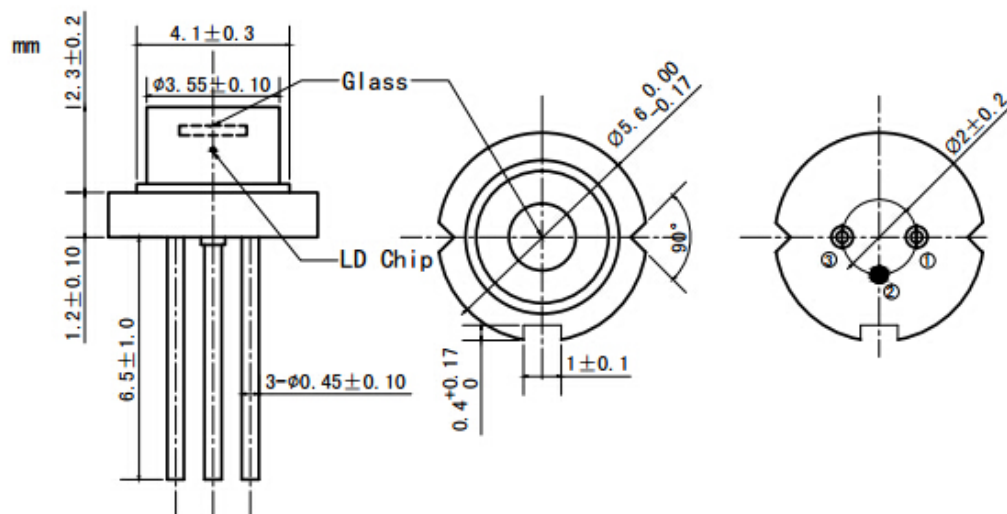
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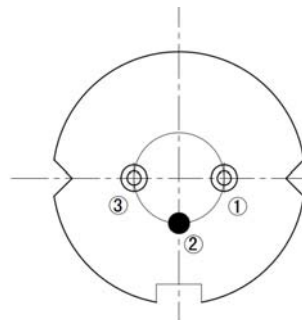
520nm Laser Diode		50mW/TO18		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 520nm 50mW Single Mode Beam TO18 Package Built-in Photodiode Applications: Medical Laser Treatment Laser Indicator Laser Detector					
Specifications			WSLD-520-050m-1-PD		
			Min	Type	Max
Center Wavelength@25°C			510nm	520nm	530nm
Spectral Width (FWHM)			2.0nm		
Output Power			----	50mW	----
Recommended Operating Temperature			25°C		
Beam Divergence (FWHM)			18°± x 5° _{//}	22°± x 8° _{//}	25°± x 10° _{//}
Monitor Current			----	0.3mA	----
Threshold Current (Typ.)			----	40mA	70mA
Operating Current (Typ.)			----	110mA	130mA
Operating Voltage			----	6.5V	8.0V
Package Style			TO18		



TO18(5.6mm) 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.



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