

515nm~520nm 10mW Laser Diode| Single mode Green LD | With Photodiode

520nm~530nm SM LD| 10mW Output Power| TO18 Package Green Diode Laser With PD

WSLD-520-010m-1-PD

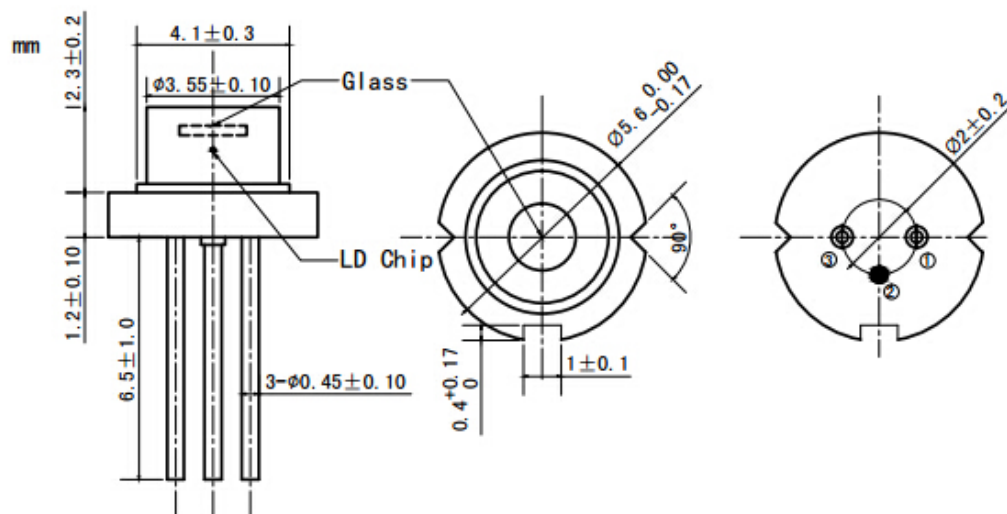
Wavespectrum Laser Group.

www.wavespectrum-laser.com

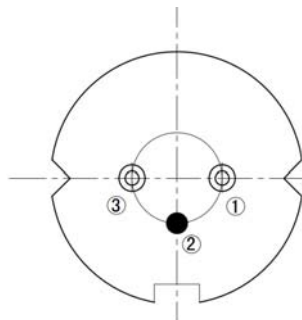
520nm Laser Diode		10mW/TO18		en.wavespectrum-laser.com.cn				
PARAMETER		SYMBOL	VALUE		UNIT			
Reverse Voltage		V _r	2.0		V			
Operating Temperature		T _{op}	-10 ~ +60		°C			
Storage Temperature		T _{stg}	-40 ~ +85		°C			
Lead soldering temperature (10 sec.)		T _{is}	260		°C			
Features: 520nm 10mW Single Mode Beam TO18 Package Built-in Photodiode								
Applications: Medical Laser Treatment Laser Indicator Laser Detector								
Specifications			WSLD-520-010m-1-PD					
			Min	Type	Max			
Center Wavelength@25°C			510nm	520nm	530nm			
Spectral Width (FWHM)			2.0nm					
Output Power			----	10mW	----			
LD Mode			Single Mode					
Beam Divergence (FWHM)			18° _⊥ x 5° _{//}	21° _⊥ x 7° _{//}	25° _⊥ x 10° _{//}			
Monitor Current			----	100uA	----			
Threshold Current (Typ.)			----	20mA	45mA			
Operating Current (Typ.)			----	45mA	60mA			
Operating Voltage			----	6.5V	8.0V			
Package Style			TO18					
Photodiode			Built-in					



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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