

870nm-880nm 10mW SM laser diodes With Photodiode

870nm-880nm Single Mode LD with TO18 5.6mm

WSLD-880-010m-1-PD

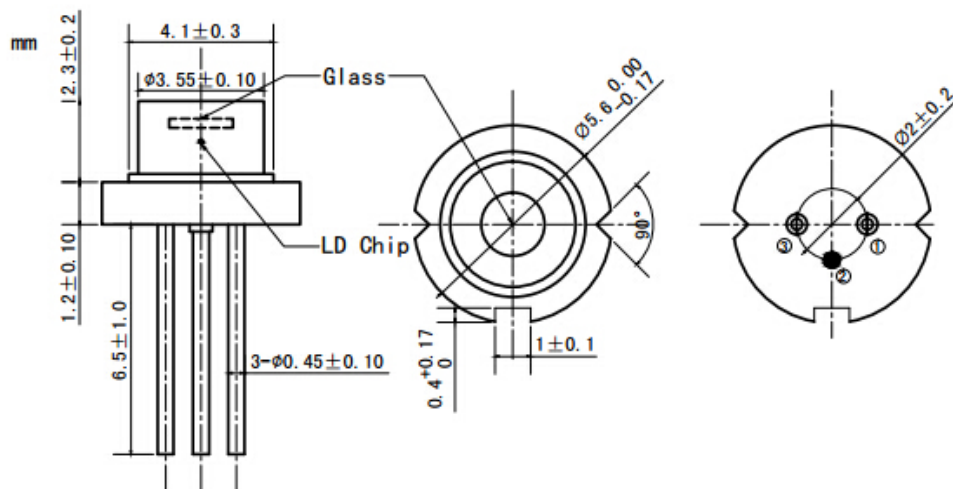
Wavespectrum laser Group.

www.wavespectrum-laser.com

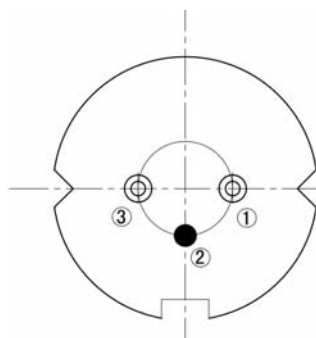
880nm Laser Diode		10mW/TO18		en.wavespectrum-laser.com.cn	
Reverse Voltage	V _r	2.0		V	
Operating Temperature	T _{op}	-10 ~ +50		°C	
Storage Temperature	T _{stg}	-40 ~ +85		°C	
Lead soldering temperature (10 sec.)	T _{is}	260		°C	
Features:					
880nm - CW - TO18 Package					
Applications:					
- Medical Laser Treatment - Laser Indicator - Laser Detector					
Specifications		WSLD-880-010m-1-PD			
		Min	Type	Max	
Center Wavelength@25℃		870nm	880nm	890nm	
Spectral Width (FWHM)		----	2.0nm	----	
Output Power		----	10mW	----	
Emitter		Single			
Recommended Operating Temperature		25℃			
Monitor Current		----	0.3mA	----	
Beam Divergence (FWHM)		----	32°⊥ x 10°//	----	
Temperature Coefficient of Wavelength		----	0.3nm / °C	----	
Slope Efficiency		----	0.9mW / mA	----	
Threshold Current (Typ.)		----	9mA	15mA	
Operating Current (Typ.)		----	20mA	25mA	
Operating Voltage		----	2.0V	2.4V	
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.



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

