

940nm 300mW Single Mode Laser Diode With TO18 Package | High stability

930nm~940nm Infrared LD with 5.6mm TO18 Package | With Photodiode

WSLD-940-300m-1-PD

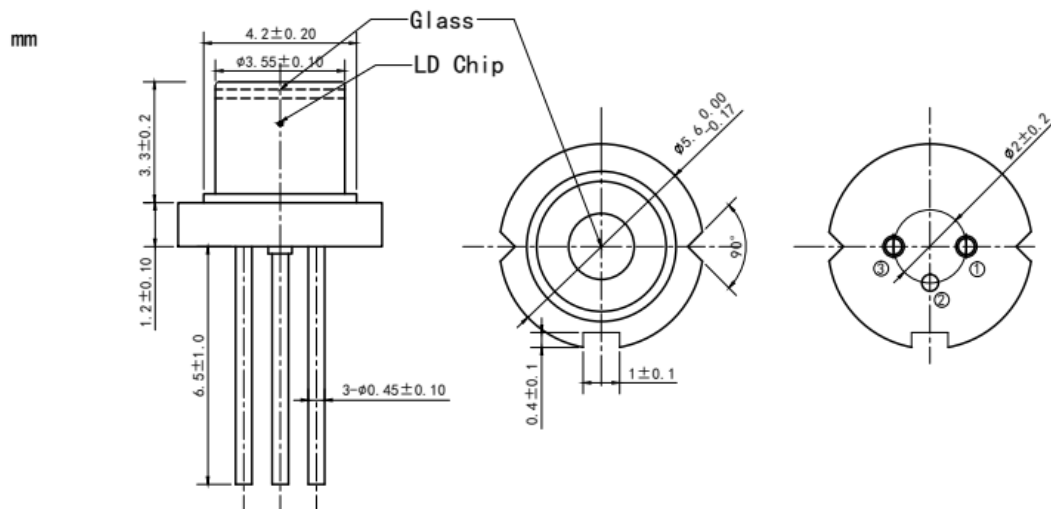
Wavespectrum Laser Group

www.wavespectrum-laser.com

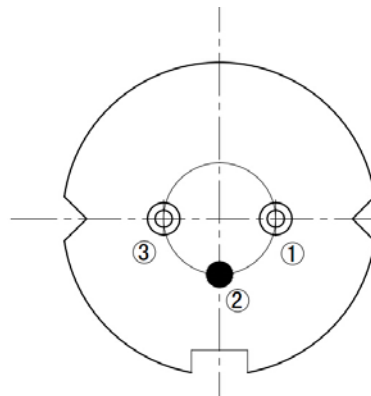
940nm Laser Diode		300mW/TO18		Wavespectrum Laser Group	
Reverse Voltage	V _r	2.0		V	
Operating Temperature	T _{op}	-10 ~ +60		°C	
Storage Temperature	T _{stg}	-40 ~ +85		°C	
Lead soldering temperature (10 sec.)	T _{is}	260		°C	
Features: 940nm 300mW Output Power CW Mode TO18 Package					
Applications: Medical Laser Treatment Night Vision Laser Detector					
Specifications		WSLD-940-300m-1-PD			
		Min	Type	Max	
Center Wavelength@25°C		940nm±15nm			
Spectral Width (FWHM)		----	2.0nm	----	
Output Power		----	300mW	----	
Recommended Operating Temp.		25°C			
Beam Divergence (FWHM)		----	28° _⊥ x 11° _{//}	----	
Temperature Coefficient of Wavelength		----	0.3nm / °C	----	
Monitor Current		----	0.5mA	----	
PD Reverse Voltage		----	----	30V	
Threshold Current (Typ.)		----	40mA	80mA	
Operating Current (Typ.)		----	410mA	440mA	
Operating Voltage		----	2.2V	2.6V	
Package Style		TO18			



TO18 Package View



Pin Out 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.

