

**940nm 200mW Single Mode Laser Diode With TO18 Package | High stability**

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

WSLD-940-200m-1-PD

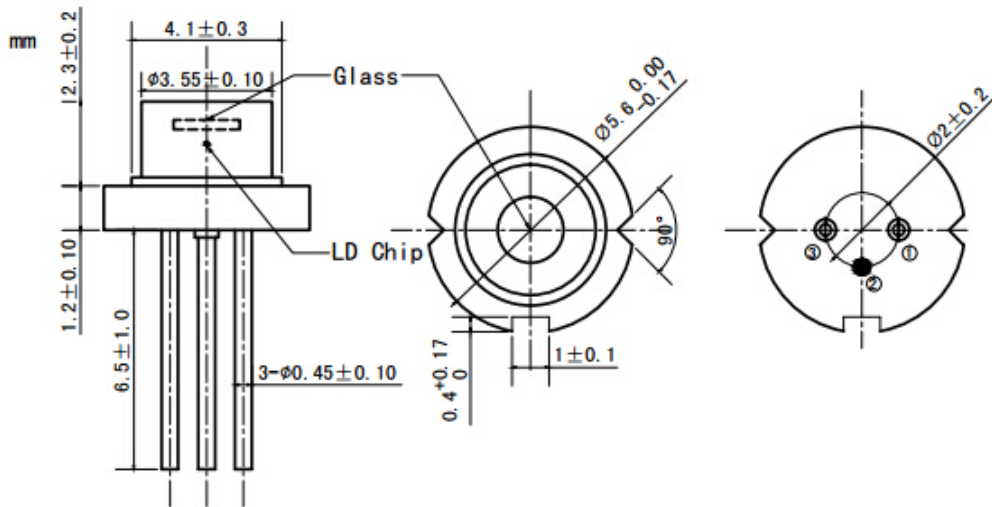
Wavespectrum Laser Group

www.wavespectrum-laser.com

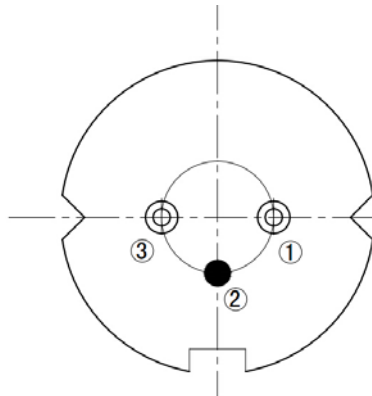
940nm Laser Diode		200mW/TO18		Wavespectrum Laser Group	
Reverse Voltage	$V_r$	2.0		V	
Operating Temperature	$T_{op}$	-10~+60		°C	
Storage Temperature	$T_{stg}$	-40~+85		°C	
Lead soldering temperature (10 sec.)	$T_{is}$	260		°C	
<b>Features:</b> <ul style="list-style-type: none"> <li>940nm</li> <li>200mW Output Power</li> <li>CW Mode</li> <li>TO18 Package</li> </ul>					
<b>Applications:</b> <ul style="list-style-type: none"> <li>Medical Laser Treatment</li> <li>Night Vision</li> <li>Laser Detector</li> </ul>					
<b>Specifications</b>		<b>WSLD-940-200m-1-PD</b>			
		Min	Type	Max	
Center Wavelength@25°C		±5nm	940nm	±15nm	
Spectral Width (FWHM)		----	2.0nm	----	
Output Power		----	200mW	----	
Recommended Operating Temp.		25°C			
Beam Divergence (FWHM)		----	28°± x 10°//	----	
Temperature Coefficient of Wavelength		----	0.3nm / °C	----	
Slope Efficiency		----	0.85mW/mA	----	
Threshold Current (Typ.)		----	30mA	60mA	
Operating Current (Typ.)		----	270mA	300mA	
Operating Voltage		----	2.0V	2.5V	
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.

