
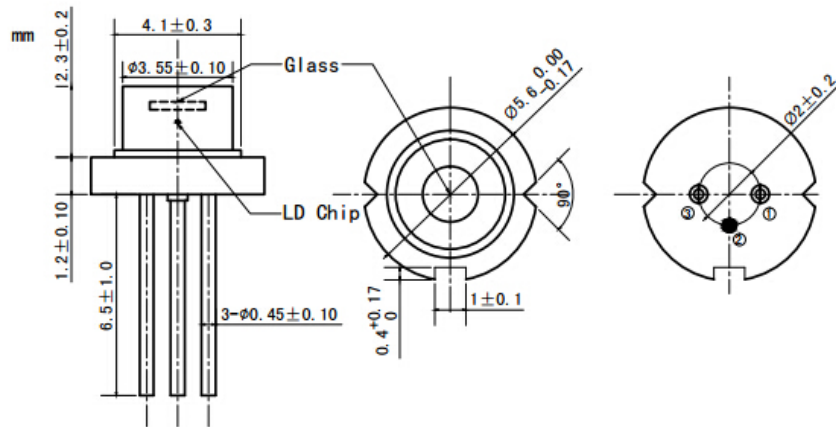


635nm 200mW Single Mode SM Laser Diode | With Photodiode

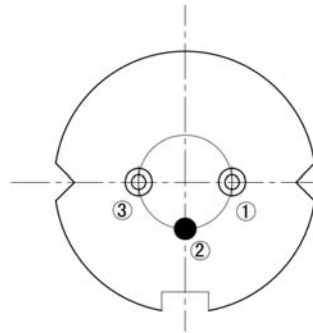
635nm~638nm 200mW SM LD| High Power Single Mode LD|5.6mm Package | Red Laser Diode With PD  
RWLD-635-200m-1-PD

635nm Laser Diode SM 200mW/TO18			
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
<b>Features:</b> <ul style="list-style-type: none"> <li>• 635nm</li> <li>• CW Mode</li> <li>• Built-in PD</li> <li>• Single Transverse Mode</li> <li>• TO18 Package</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>• Medical Laser Treatment</li> <li>• Laser Indicator</li> <li>• Laser Detector</li> </ul>			
Specifications		RWLD-635-200m-1-PD	
		Min	Type
Center Wavelength@25°C		630nm	638nm
Spectral Width (FWHM)		----	2.0nm
Output Power		----	200mW
Recommended Operating Temperature		25°C	
Beam Divergence (FWHM)		----	14° <sub>⊥</sub> x 9° <sub>//</sub>
Monitor Current		----	0.6mA
PD Reverse Voltage		----	30V
Threshold Current (Typ.)		----	60mA
Operating Current (Typ.)		----	260mA
Operating Voltage		----	2.8V
Package Style		TO18	

**Package View**



**Pin Out**



<b>PIN 1</b>	<b>LD(-)</b>
<b>PIN 2</b>	<b>LD(+) &amp; PD(-), CASE</b>
<b>PIN 3</b>	<b>PD(+)</b>

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

