


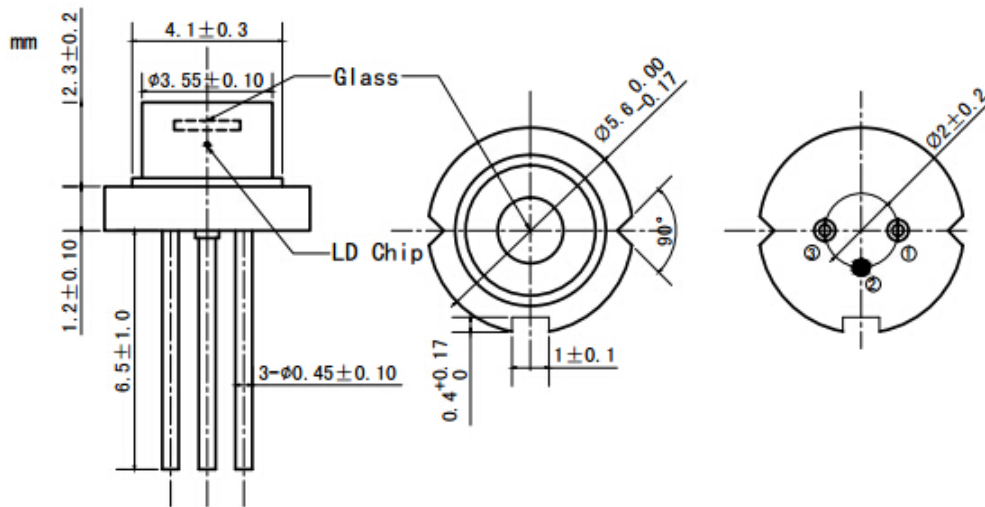
**460nm 100mW Laser Diode | Single mode LD With TO18 Package**

**460nm 100mW SM LD | 100mW Output Power | Blue Laser Diode | Single Mode Beam**

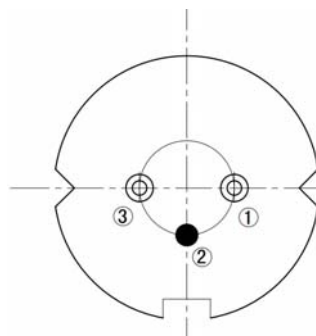
**RWLD-460-100m-1**

460nm Laser Diode		100mW/TO18	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	-10 ~ +70	°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>460nm</li> <li>100mW Output Power</li> <li>Single Mode Beam</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>			
<b>Specifications</b>		<b>RWLD-460-100m-1</b>	
		Min	Type
Center Wavelength@25°C		450nm	460nm
Spectral Width (FWHM)		2.0nm	
Output Power		----	100mW
Emitter		Single	
Beam Divergence (FWHM)		----	25° ± x 10° //
Recommended Operating Temperature		25°C	
Slope Efficiency		----	1.0mW/mA
Threshold Current (Typ.)		----	25mA
Operating Current (Typ.)		----	140mA
Operating Voltage		----	6.0V
Package Style		TO18	

**TO18 Package :**



**PIN Bottom View:**



<b>1</b>	<b>LD(+)</b>
<b>2</b>	<b>GND</b>
<b>3</b>	<b>LD(-)</b>

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

Suggest using the constant current power supply.

