


## 830nm 30mw Single Mode laser diodes with 5.6mm Package

### 830nm SM LD with TO18 Package

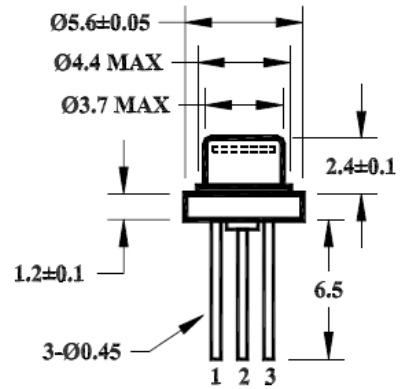
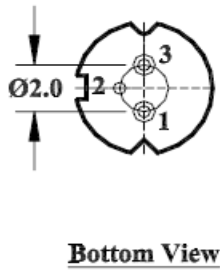
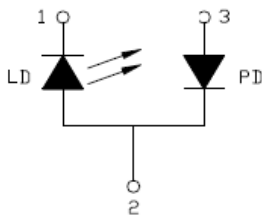
WSLD-830-030m-1-PD

Wavespectrum laser inc.

www.wavespectrum-laser.com

830nm Laser Diode 30mw/PD		Wavespectrum Laser, Inc		
Reverse Voltage	$V_r$	2	V	
Operating Temperature	$T_{op}$	-10 ~ +40	°C	
Storage Temperature	$T_{stg}$	-10 ~ +85	°C	
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C	
<b>Features:</b> <ul style="list-style-type: none"> <li>830nm</li> <li>CW</li> <li>Built-in PD</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>				
<b>Specifications</b>		<b>WSLD-830-030m-1-PD</b>		
		Min	Type	Max
Center Wavelength@25°C		820nm	830nm	840nm
Spectral Width (FWHM)		----	2.0nm	----
Output Power		----	30mW	----
Emitter		----	Single	----
Beam Divergence (FWHM)		----	36° ± x 10° //	----
Monitor Current		----	0.3mA	----
Slope Efficiency		0.3mW/mA	0.7mW/mA	----
Threshold Current (Typ.)		----	23mA	30mA
Operating Current (Typ.)		----	63mA	73mA
Operating Voltage		----	1.7V	2.3V
Package Style		TO18		



**TO18(5.6mm) Package View**


Electrically shorten LD module and store in non-extreme conditions.  
 Suggest using the constant current power supply.



Please contact us:

Website: [www.wavespectrum-laser.com](http://www.wavespectrum-laser.com) (for more detailed information)

Email: [info@wavespectrum-laser.com](mailto:info@wavespectrum-laser.com) (for inquiry about this product)

