




825nm~830nm 3W Laser Diode with C mount package

830nm 3w high Power LD

WSLD-830-003-C

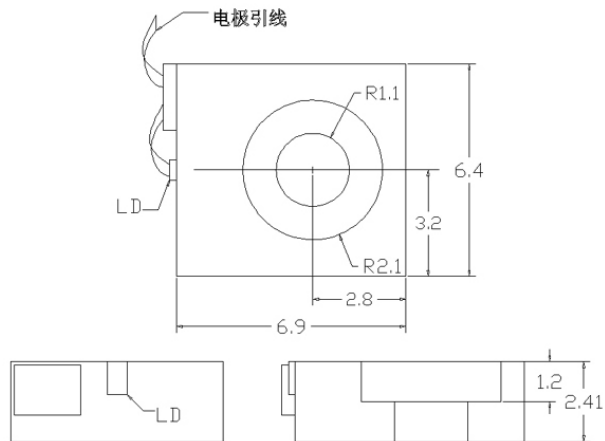
Wavespectrum laser inc.

www.wavespectrum-laser.com

830nm Laser Diode 3W		Wavespectrum Laser, Inc	
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	15~+35	°C
Storage Temperature	$T_{stg}$	-40 ~ +60	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C
<b>Features:</b> <ul style="list-style-type: none"> <li>830nm</li> <li>High power ,CW, Muti-mode</li> <li>C-mount/TO3 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-830-003-C</b>	
		Min	Type
Center Wavelength@25°C		820nm	830nm
Spectral Width (FWHM)		2.0nm	
Output Power		----	3W
Emitter Area		150x1µm	
Beam Divergence (FWHM)		35° <sub>⊥</sub> x 8° <sub>//</sub>	
Temperature Coefficient of Wavelength		0.28nm / °C	
Slope Efficiency		1.05W/A	
Threshold Current (Typ.)		0.8A	
Operating Current (Typ.)		3.5A	
Operating Voltage		2V	
Package Style		C-mount	



### C-mount 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)**

