



**830nm 2.5W Laser Diode with C mount package**

**830nm 2.5 W High Power LD**

WSLD-830-2500m-C

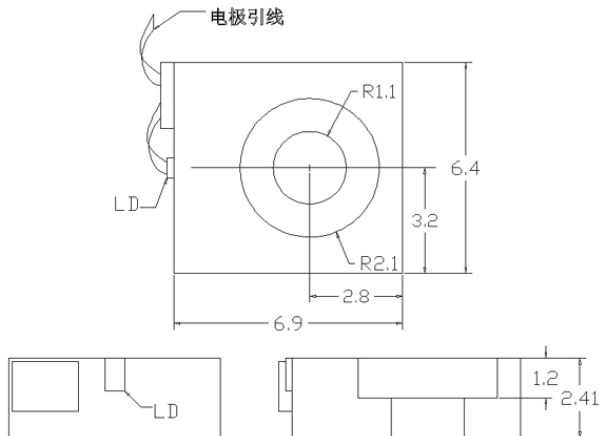
Wavespectrum laser inc.

www.wavespectrum-laser.com

830nm Laser Diode 2.5W		Wavespectrum Laser, Inc	
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	-10 ~ +30	°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>830nm</li> <li>2.5W Output Power</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>Others</li> </ul>			
<b>Specifications</b>		<b>WSLD-830-2500m-C</b>	
		Min	Type
Center Wavelength@25°C		820nm	830nm
Spectral Width (FWHM)		3.0nm	
Output Power		----	2.5 W
Emitter Area		50x1µm	
Beam Divergence (FWHM)		36°± x 10°//	
Temperature Coefficient of Wavelength		0.3nm / °C	
Slope Efficiency		1.2W/A	
Threshold Current (Typ.)		0.18A	
Operating Current (Typ.)		2.2A	
Operating Voltage		2V	
Package Style		C-mount	
Recommended Operating Temperature		25°C	



## 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)

