


**880nm 3W Laser Diode C mount Package**

870nm~880nm LD with 3W Power

WSLD-880-003-C

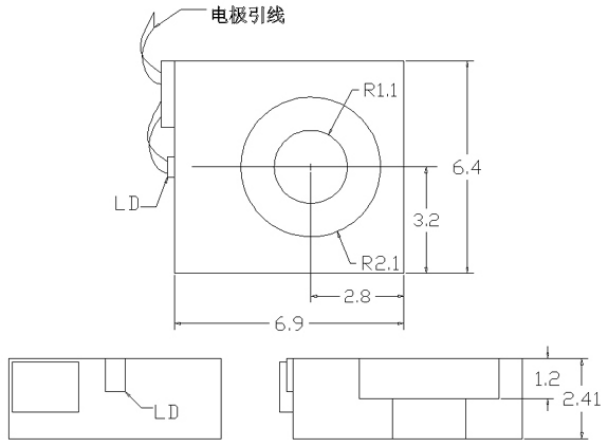
Wavespectrum Laser, Inc.

www.wavespectrum-laser.com

880nm Laser Diode 3W		Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE	UNIT
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>● 880nm</li> <li>● Multimode</li> <li>● C-mount 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-880-003-C</b>	
	<b>Min</b>	<b>Type</b>	<b>Max</b>
Center Wavelength@25°C	----	880nm +/-10nm	----
Spectral Width (FWHM)		2.0nm	
Output Power	----	3W	----
Emitter Area	----	150x1µm	----
Beam Divergence (FWHM)	----	70° <sub>⊥</sub> x 10° <sub>//</sub>	----
Temperature Coefficient of Wavelength	----	0.28nm / °C	----
Slope Efficiency	0.9W/A	1.1W/A	1.2W/A
Threshold Current (Typ.)	----	0.7A	----
Operating Current (Typ.)	----	3A	3.4A
Operating Voltage	----	2.0V	----
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.**

