


830nm 1.5W LD with C mount package

830nm 1.5w high Power Laser Diode

WSLD-830-1500m-C

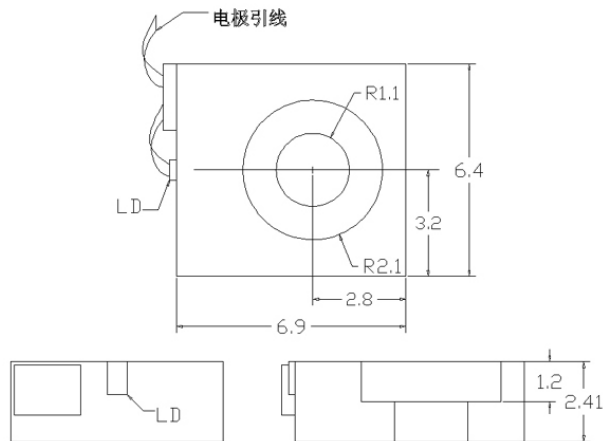
Wavespectrum laser inc.

www.wavespectrum-laser.com

830nm Laser Diode 1W		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	
Features: <ul style="list-style-type: none"> 830nm High power ,CW, Muti-mode C-mount/TO3 package 				
Applications: <ul style="list-style-type: none"> Medical laser treatment Laser indicator Laser detector 				
Specifications		WSLD-830-1500m-C		
		Min	Type	Max
Center Wavelength@25°C		820nm	830nm	840nm
Spectral Width (FWHM)		3.0nm		
Output Power		----	1.5 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.)		0.12A		
Operating Current (Typ.)		1.5A		
Operating Voltage		1.9V		
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 (for more detailed information)

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

