

1064nm 2W laser diodes with C-mount

1064nm 2w high power LD

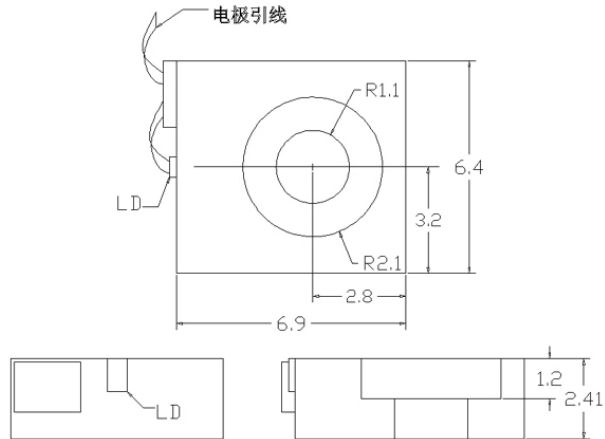
WSLD-1064-002-C Wavespectrum laser inc.

www.wavespectrum-laser.com

1064nm Laser Diode		2W		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"> 1064nm CW C-mount or TO3 package 					
Applications: <ul style="list-style-type: none"> Medical laser treatment Laser indicator Laser detector 					
Specifications		WSLD-1064-002-C			
		Min	Type	Max	
Center Wavelength@25°C		+/-5nm	1064nm	+/-10nm	
Spectral Width (FWHM)		----	3.5nm	----	
Output Power		----	2W	----	
Emitter Area		100x1μm			
Beam Divergence (FWHM)		----	32°± x 8°//	42°± x 10°//	
Temperature Coefficient of Wavelength		----	0.3nm / °C	----	
Slope Efficiency		----	1.0mW/mA	----	
Threshold Current (Typ.)		----	300mA	----	
Operating Current (Typ.)		----	2.6A	----	
Operating Voltage		----	1.9V	----	
Package Style		C-mount/TO3			



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)

