

1470nm 1W Laser Diode with C mount package

1470nm 1w LD| High power |C-mount Package

WSLD-1470-001-C

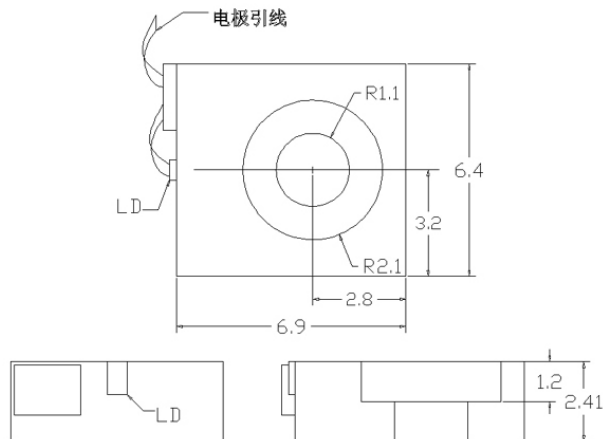
Wavespectrum laser inc.

www.wavespectrum-laser.com

1470nm Laser Diode 1W		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	
Features: 1470nm 1W Power C-mount package				
Applications: Medical laser treatment Others				
Specifications		WSLD-1470-001-C		
		Min	Type	Max
Center Wavelength@25°C		+/-10nm	1470nm	+/-20nm
Spectral Width (FWHM)		----	3.0nm	----
Output Power		----	1W	----
Emitter Area		----	100x1μm	----
Beam Divergence (FWHM)		----	70°⊥ x 10°//	----
Temperature Coefficient of Wavelength		----	0.3nm / °C	----
Slope Efficiency		----	0.3mW/mA	----
Threshold Current (Typ.)		----	400mA	----
Operating Current (Typ.)		----	3A	3.2A
Operating Voltage		----	1.2V	1.3V
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.**

