


1550nm 1W Laser Diode with C mount package

1550nm 1w LD| High power |C-mount Package

WSLD-1550-001-C

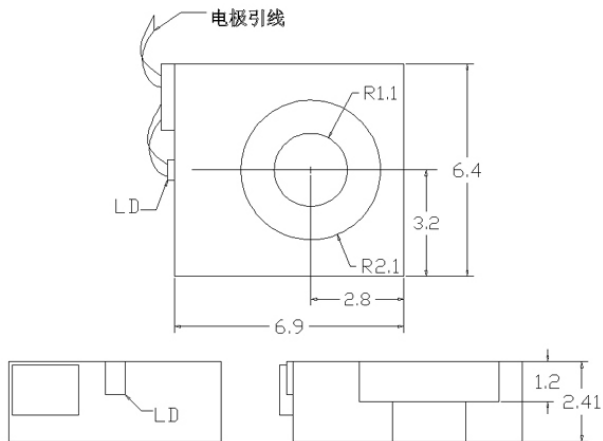
Wavespectrum laser inc.

www.wavespectrum-laser.com

1550nm 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: <ul style="list-style-type: none"> 1550nm 1W Power C-mount package 			
Applications: <ul style="list-style-type: none"> Medical laser treatment Others 			
Specifications		WSLD-1550-001-C	
		Min	Type
Center Wavelength@25°C		+/-10nm	1550nm
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
Operating Voltage		----	1.2V
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.**

