




1550nm 1W Laser Diode with C mount package

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

WSLD-1550-001-C

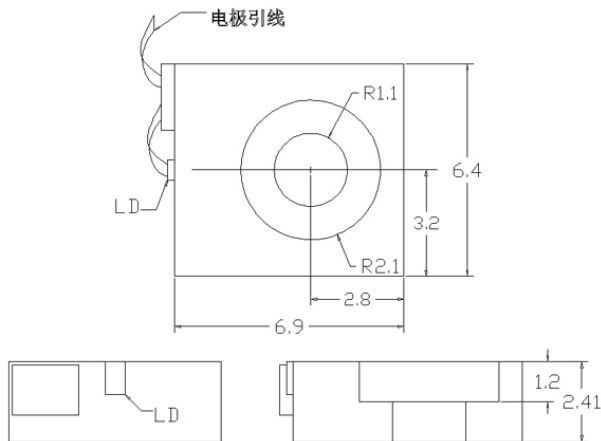
Wavespectrum laser inc.

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
<b>Features:</b> <ul style="list-style-type: none"> <li>1550nm</li> <li>1W Power</li> <li>C-mount package</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>Medical laser treatment</li> <li>Others</li> </ul>			
<b>Specifications</b>		<b>WSLD-1550-001-C</b>	
		<b>Min</b>	<b>Type</b>
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.**

