


## 1550nm 2W Laser Diode with C-mount Package with FAC Lens

1550nm | 2W Power | High Power LD | Cmount Package | Square or Line Beam

WSLD-1550-002-C

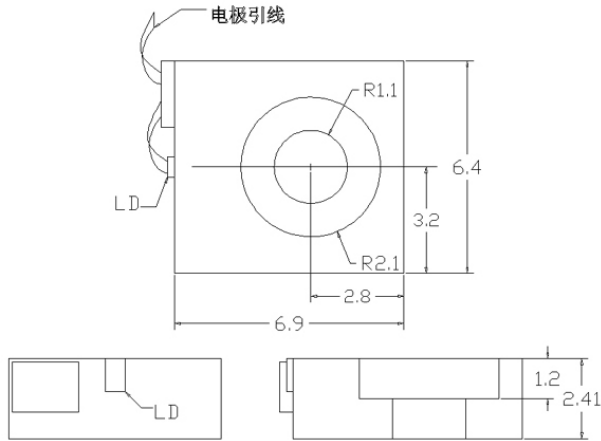
Wavespectrum Laser Group

www.wavespectrum-laser.com

1550nm Laser Diode 2W		Wavespectrum Laser Group	
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	+15~+30	°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>● 2W Power</li> <li>● C-mount Package</li> <li>● FAC Lens Optional (Square or Line Beam)</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-1550-002-C</b>		
	<b>Min</b>	<b>Type</b>	<b>Max</b>
Center Wavelength@25°C	+/-10nm	1550nm	+/-20nm
Spectral Width (FWHM)	----	----	10.0nm
Output Power	----	2W	----
Emitter Area	----	85x1µm	----
Beam Divergence (With FAC Lens)	----	$8^\circ_{\perp} \times 8^\circ_{//}$	----
Temperature Coefficient of Wavelength	----	0.7nm / °C	----
Slope Efficiency	----	0.4W/A	----
Threshold Current (Typ.)	----	500mA	----
Operating Current (Typ.)	----	5A	5.5A
Operating Voltage	----	1.5V	1.8V
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.**

