


635nm 500mw High Power Laser Diode| C-mount Package

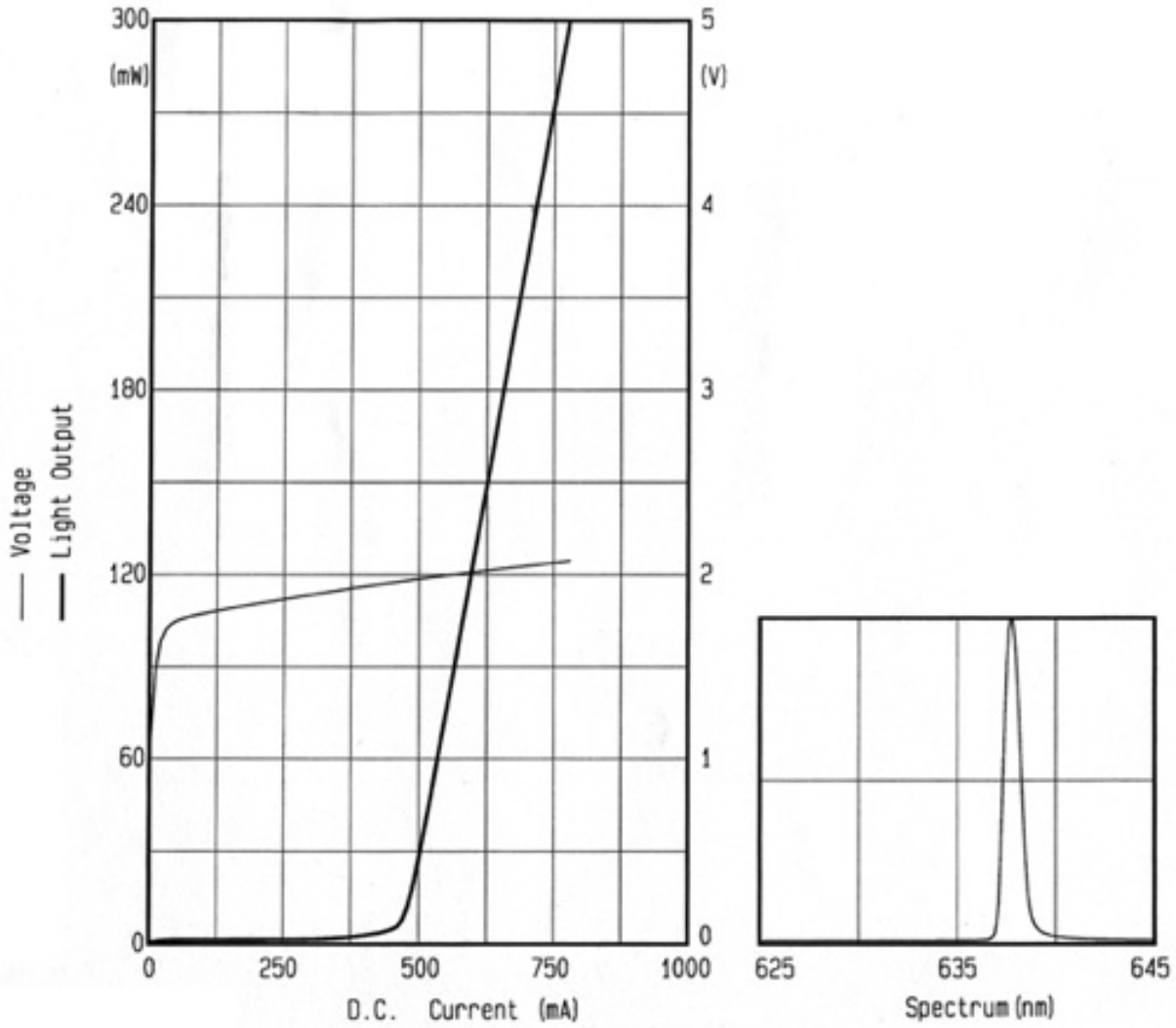
635nm LD 0.5W Power| C mount Pacakge| High Power

WSLD-635-500m-C

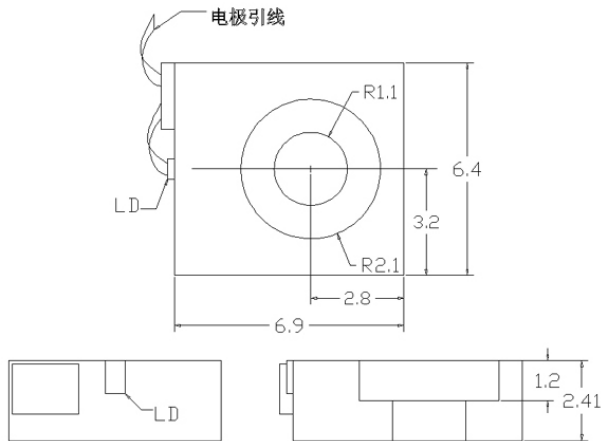
635nm Laser Diode 500mw		Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	+10~+25	°C
Storage Temperature	$T_{stg}$	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	$T_{is}$	280	°C
<b>Features:</b> <ul style="list-style-type: none"> <li>• 635nm</li> <li>• High power ,CW, Multi-mode</li> <li>• High Quality</li> <li>• C-mount package</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>• Medical laser treatment</li> <li>• Laser indicator</li> <li>• Laser detector</li> </ul>			
<b>Specifications</b>		<b>WSLD-635-500m-C</b>	
		<b>Min</b>	<b>Type</b>
<b>Center Wavelength@25°C</b>		630nm	635nm
<b>Spectral Width (FWHM)</b>			1nm
<b>Output Power</b>			500mW
<b>Emitter Area</b>			150x1µm
<b>Beam Divergence (FWHM)</b>			40°± x 10°//
<b>Temperature Coefficient of Wavelength</b>			0.25nm / °C
<b>Slope Efficiency</b>		0.80W/A	0.95W/A
<b>Threshold Current (Typ.)</b>			0.75A
<b>Operating Current (Typ.)</b>			1.20A
<b>Operating Voltage</b>			2.2V
<b>Package Style</b>			C-mount



## Spectrum



### C-mount Package View



**Electrically shorten LD module and store in non-extreme conditions.**

**Suggest using the constant current power supply.**

