


635nm 1W Laser Diode| High Power| C mount Package

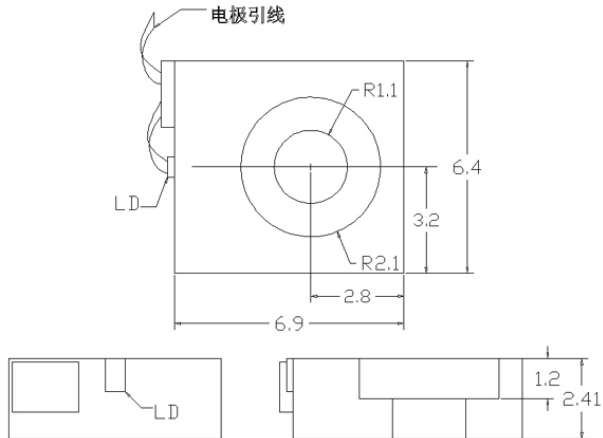
635nm LD 1000mW High Power| C- mount Package

WSLD-635-001-C

635nm Laser Diode 1000mw		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
Features: <ul style="list-style-type: none"> 635nm High power ,CW, Multi-mode High Quality C-mount package 			
Applications: <ul style="list-style-type: none"> Medical laser treatment Laser indicator Laser detector 			
Specifications		WSLD-635-001-C	
	Min	Type	Max
Center Wavelength@25°C	630nm	635nm	642nm
Spectral Width (FWHM)		1nm	2.5nm
Output Power	----	1W	----
Emitter Area	----	200x1μm	----
Beam Divergence (FWHM)	----	----	40°± x 10°//
Temperature Coefficient of Wavelength	----	0.25nm / °C	----
Slope Efficiency	0.85W/A	0.90W/A	----
Threshold Current (Typ.)	----	1.00A	----
Operating Current (Typ.)	----	2.1A	----
Operating Voltage	----	2.3V	----
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.

