


650nm 1W High Power Laser Diode| C mount Package| High Power LD

650nm LD 1000mW High Power| C Mount Package Laser Diodes

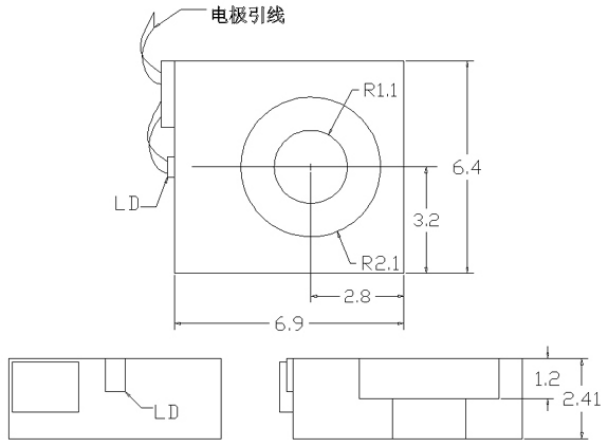
WSLD-650-001-C

Wavespectrum Laser, Inc.

650nm 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"> 650nm 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-650-001-C	
		Min	Type
Center Wavelength@25°C		640nm	650nm
Spectral Width (FWHM)			1nm
Output Power			1W
Emitter Area			150x1µm
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.)			1.80A
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.**

