

650nm 300mW High Power Laser Diode| C mount Package| High Power LD

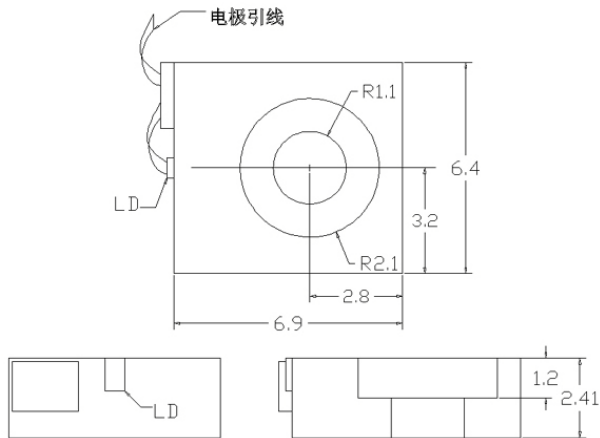
650nm LD 0.3W High Power| C Mount Package

WSLD-650-300m-C

650nm Laser Diode 300mw		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 C-mount package 				
Applications: <ul style="list-style-type: none"> Medical laser treatment Laser indicator Others 				
Specifications		WSLD-650-300m-C		
		Min	Type	Max
Center Wavelength@25°C		640nm	650nm	660nm
Spectral Width (FWHM)		----	1.2nm	2.5nm
Output Power		----	300mW	---
Emitter Area		50x1µm		
Beam Divergence (FWHM)		----	40° ± x 10° //	----
Temperature Coefficient of Wavelength			0.29nm / °C	
Slope Efficiency		----	1.2W/A	----
Threshold Current (Typ.)		----	0.3A	----
Operating Current (Typ.)		----	0.65A	----
Operating Voltage		----	2.2V	----
Package Style		C-mount		
Recommended Operating Temperature		20°C		



C-mount Package View



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

Suggest using the constant current power supply.

