

808nm 8W Laser Diodes with C mount package

810nm 8W High Power LD

WSLD-808-008-C

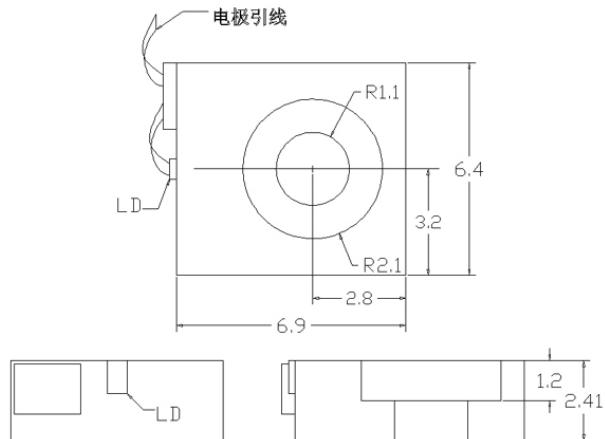
Wavespectrum laser inc.

www.wavespectrum-laser.com

808nm Laser Diode 6W		Wavespectrum Laser, Inc	
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-20~+30	°C
Storage Temperature	T_{stg}	-20 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	250	°C
Features: 808nm - High power ,CW, Multi-mode - C-mount package			
Applications: - Medical laser treatment - Laser indicator - Pumping Laser			
Specifications	WSLD-808-008-C		
	Min	Type	Max
Center Wavelength@25°C	+/-3nm	808nm	+/-10nm
Spectral Width (FWHM)	----	3nm	----
Output Power	----	8W	----
Emitter Area	----	300x1μm	----
Beam Divergence (FWHM)	----	32° _⊥ x 10° _{//}	40° _⊥ x 12° _{//}
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Slope Efficiency	----	1.2W/A	----
Threshold Current (Typ.)	----	1A	----
Operating Current (Typ.)	----	8.5A	----
Operating Voltage	----	2V	----
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.



Please contact us:

Website: www.wavespectrum-laser.com (for more detailed information)

Email: info@wavespectrum-laser.com (for inquiry about this product)

