

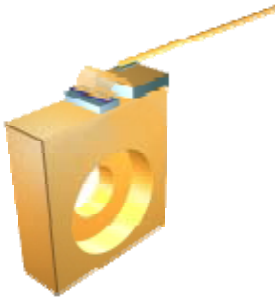
808nm 1W laser diodes with C mount package

808nm 1000mw High power LD

WSLD-808-001-C

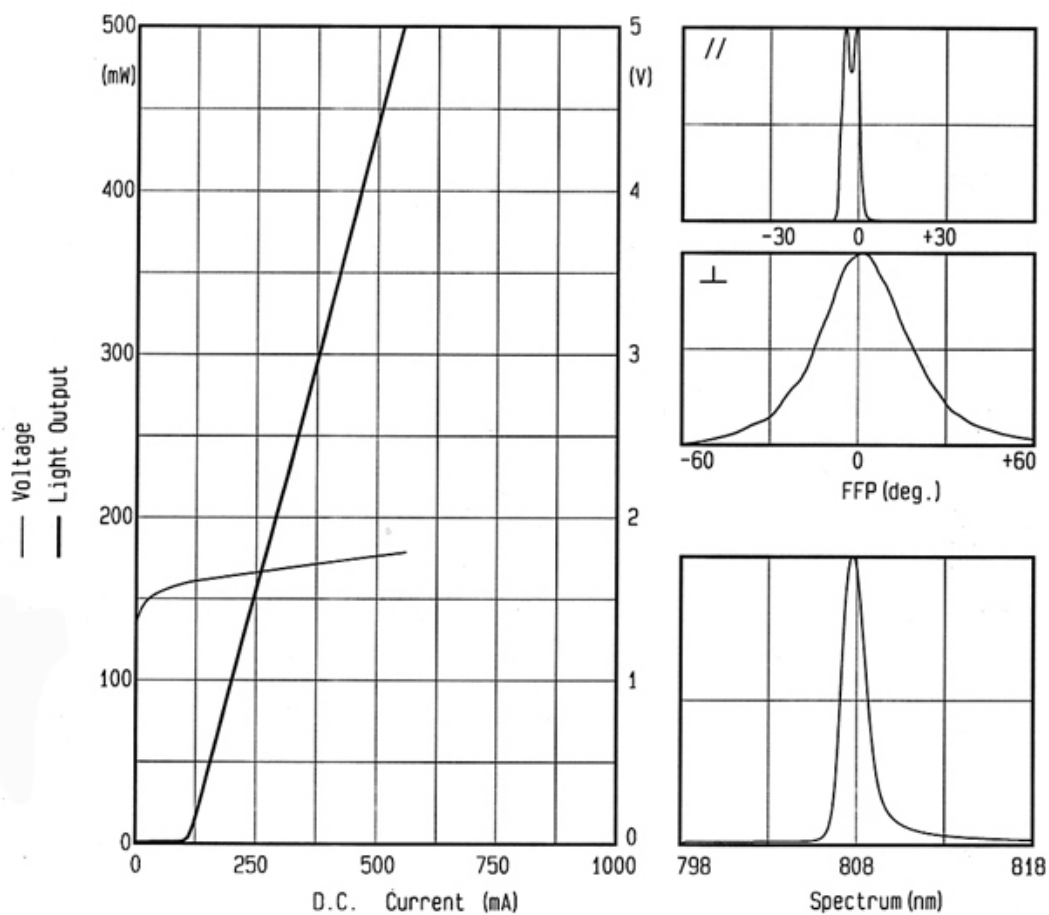
Wavespectrum laser inc.

www.wavespectrum-laser.com

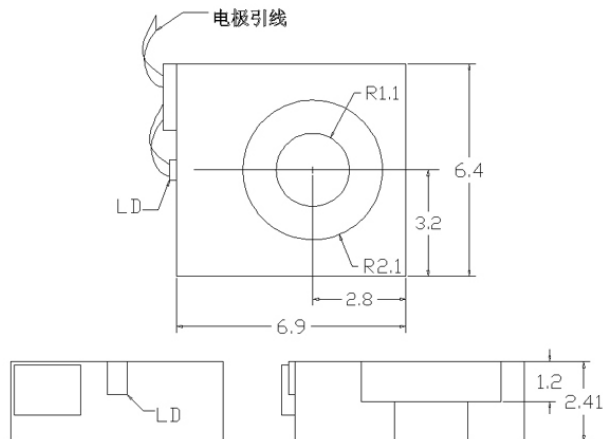
808nm Laser Diode 1W		Wavespectrum Laser, Inc	
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+50	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: 808nm - High power ,CW, Muti-mode - C-mount package Applications: - Medical laser treatment - Laser indicator - Laser detector			
Specifications		WSLD-808-001-C	
	Min	Type	Max
Center Wavelength@25℃	+/-3nm	808nm	+/-10nm
Spectral Width (FWHM)	----	3.0nm	5.0nm
Output Power	----	1W	----
Emitter Area	----	100x1μm	----
Beam Divergence (FWHM)	----	36°± x 10°//	40°± x 12°//
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Slope Efficiency	----	1.0W/A	----
Threshold Current (Typ.)	----	----	0.3A
Operating Current (Typ.)	----	----	1.4A
Operating Voltage	----	----	2.2V
Package Style	C-mount		



Spectrum



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)

