

808nm 500mw laser diodes with TO5 9mm package

808nm 0.5w high power LD

WSLD-808-500m-2-PD

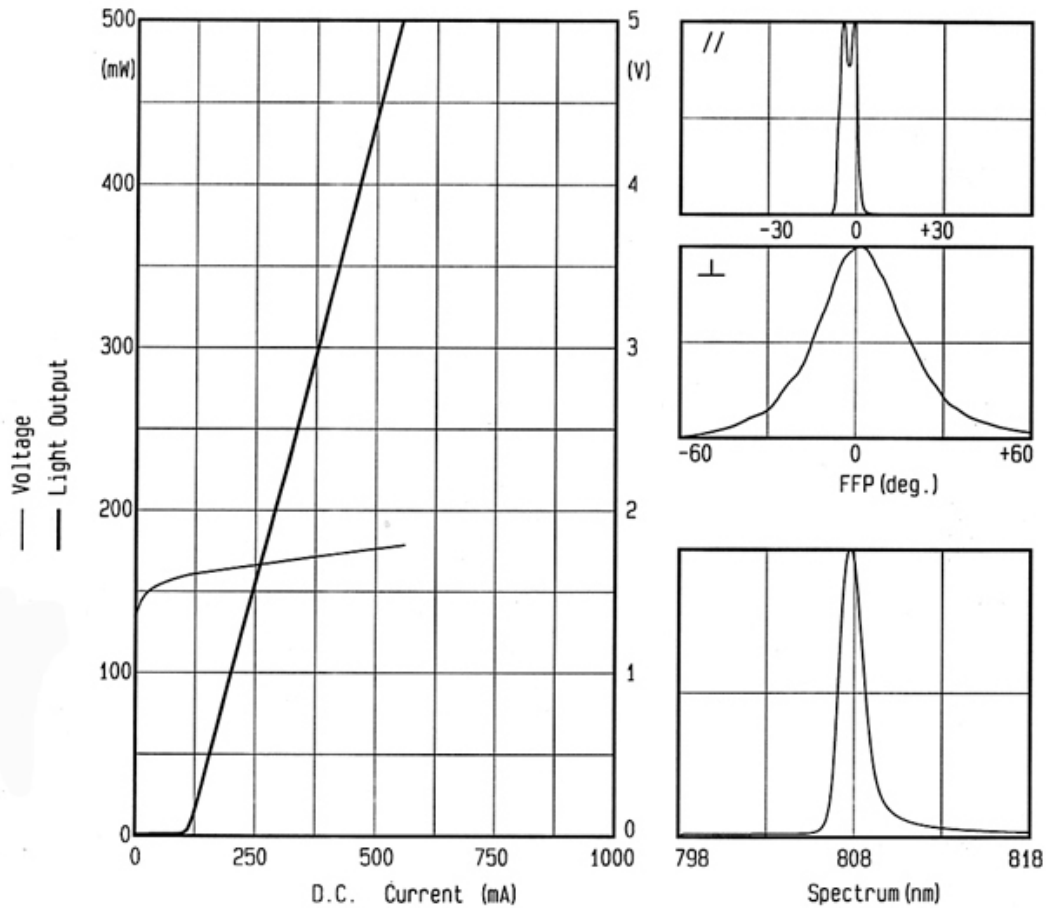
Wavespectrum laser inc.

www.wavespectrum-laser.com

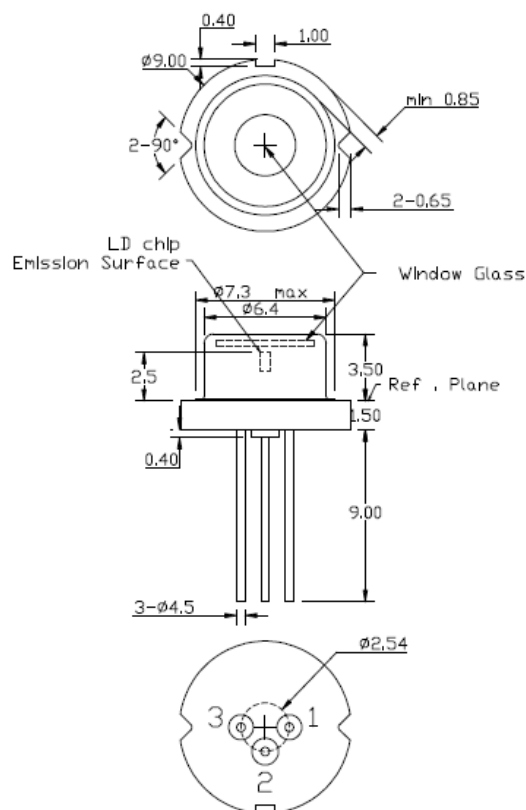
808nm Laser Diode 500mw		Wavespectrum Laser, Inc	
Reverse Voltage	V _r	2.0	V
Operating Temperature	T _{op}	- 10 ~ + 50	°C
Storage Temperature	T _{stg}	- 40 ~ + 85	°C
Lead soldering temperature (10 sec.)	T _{is}	260	°C
Features: 808nm 500mW output Power TO5(9mm) package Built-in Photodiodes			
Applications: Medical laser treatment Laser indicator Others			
Specifications		WSLD-808-500m-2-PD	
	Min	Type	Max
Center Wavelength@25°C	805nm	808nm	811nm
Spectral Width (FWHM)	----	2.5nm	----
Output Power	----	500mW	----
Emitter Area	----	50x1μm	----
Beam Divergence (FWHM)	----	36°± x 10° _{//}	40°± x 12° _{//}
Temperature Coefficient of Wavelength	----	0.28nm / °C	----
Slope Efficiency	----	1.0W/A	----
Threshold Current (Typ.)	----	----	0.15A
Operating Current (Typ.)	----	----	0.65A
Operating Voltage	----	1.6V	2.2V
Package Style	TO5 (9mm)		
Recommended Operating Temperature	25°C		



Spectrum



TO5(9mm) Package View



1	LD(-)
2	LD(+)&PD(-)
3	PD(+)

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)

