


1450nm 0.5W LD| TO Can Laser Diode

1450nm 500mW High power Laser Diode

WSLD-1450-500m-3

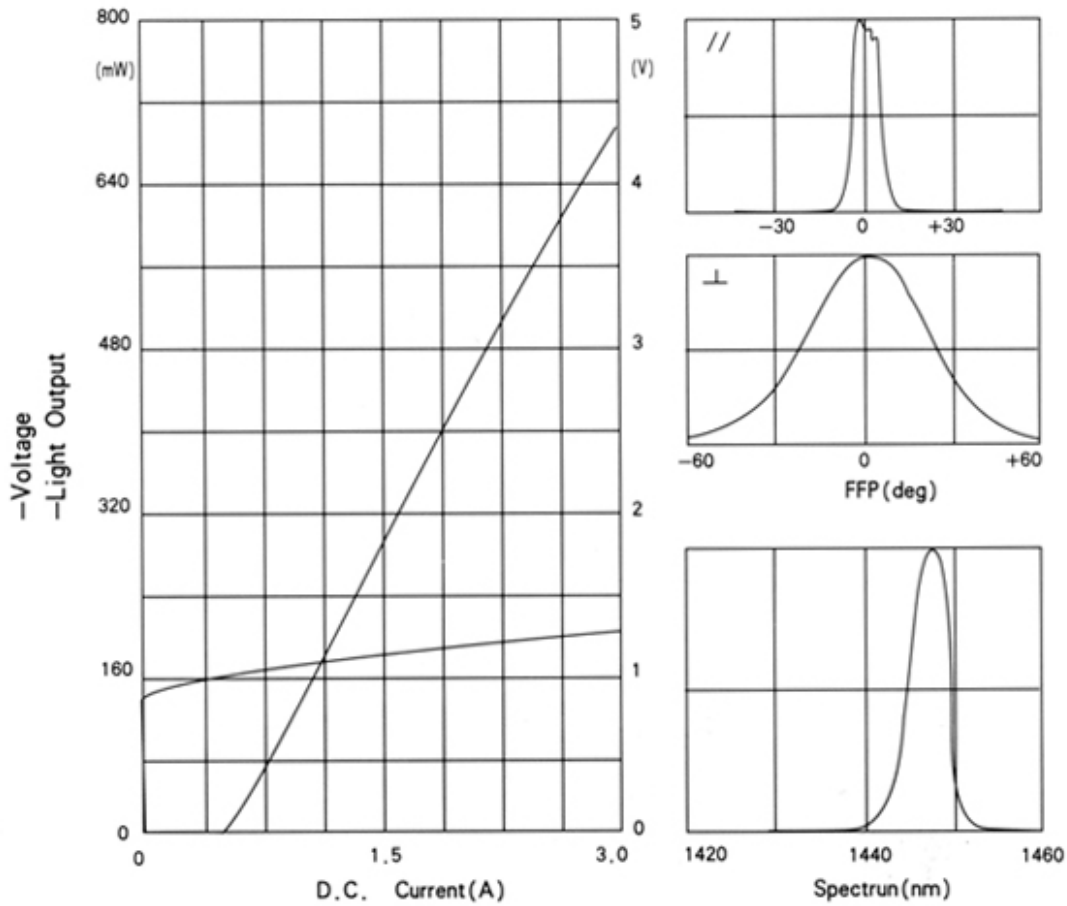
Wavespectrum laser inc.

www.wavespectrum-laser.com

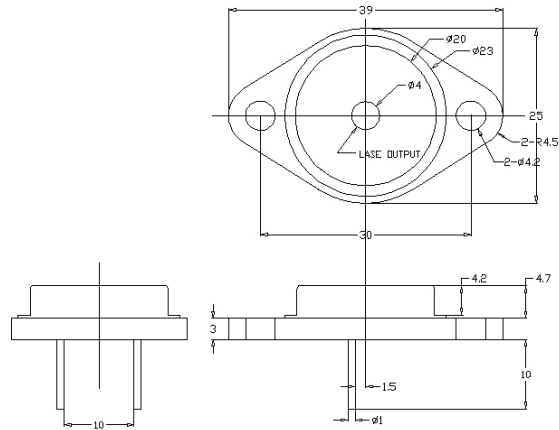
1450nm Laser Diode 500mw		Wavespectrum Laser, Inc	
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+40	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: <ul style="list-style-type: none"> 1450nm 0.5W Power TO3 package 			
Applications: <ul style="list-style-type: none"> Medical laser treatment 			
Specifications		WSLD-1450-500m-3	
		Min	Type
Center Wavelength@25°C		+/-10nm	1450nm
Spectral Width (FWHM)		----	3.0nm
Output Power		----	500mW
Emitter Area		----	100x1µm
Beam Divergence (FWHM)		----	40°± x 10°//
Temperature Coefficient of Wavelength		----	0.3nm / °C
Slope Efficiency		----	0.3mW/mA
Threshold Current (Typ.)		----	60mA
Operating Current (Typ.)		----	2.5A
Operating Voltage		----	1.3V
Package Style		TO3	



Spectrum



T03 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)

