

1550nm 1W LD| TO Can Laser Diode

1550nm 1w Laser Diodes| High power |TO3 Package

WSLD-1550-001-3

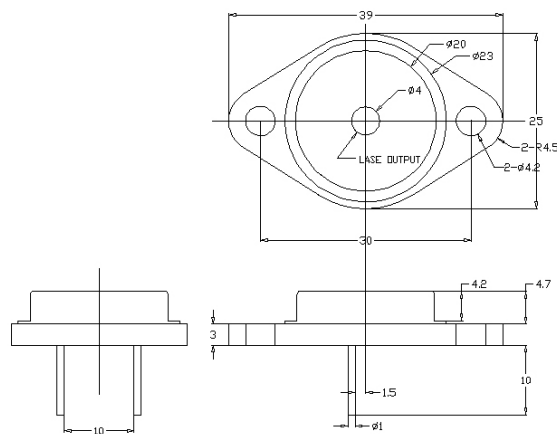
Wavespectrum laser inc.

www.wavespectrum-laser.com

1550nm Laser Diode 1W		Wavespectrum Laser, Inc	
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+15~+35	°C
Storage Temperature	T_{stg}	-40 ~ +60	°C
Lead soldering temperature (10 sec.)	T_{is}	260	°C
Features: 1550nm 1W Power - TO3 package Applications: - Medical laser treatment - Others			
Specifications		WSLD-1550-001-3	
	Min	Type	Max
Center Wavelength@25°C	+/-10nm	1550nm	+/-20nm
Spectral Width (FWHM)	----	3.0nm	----
Output Power	----	1W	----
Emitter Area	----	100x1μm	----
Beam Divergence (FWHM)	----	70°± x 10°//	----
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Slope Efficiency	----	0.3mW/mA	----
Threshold Current (Typ.)	----	400mA	----
Operating Current (Typ.)	----	3A	3.2A
Operating Voltage	----	1.2V	1.3V
Package Style	TO3		



T03 Package View



**Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.**

