

650nm 1000mW TO Can LD| High Power Laser Diode| TO 3 Package

650nm Laser Diode 1W High Power| TO 3 Package LD

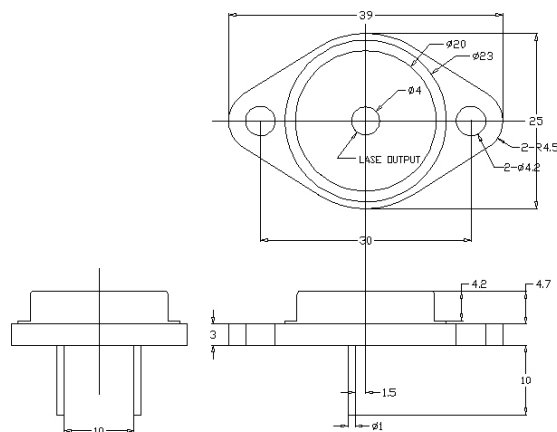
WSLD-650-001-3

Wavespectrum Laser, Inc.

650nm Laser Diode 1000mw		Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	+10~+25	°C
Storage Temperature	T_{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T_{is}	280	°C
Features: 650nm - High power ,CW, Multi-mode - High Quality - TO3 package Applications: - Medical laser treatment - Laser indicator - Laser detector			
Specifications		WSLD-650-001-3	
	Min	Type	Max
Center Wavelength@25℃	640nm	650nm	660nm
Spectral Width (FWHM)		1nm	2.5nm
Output Power		1W	
Emitter Area		100x1μm	
Beam Divergence (FWHM)			40°± x 10°//
Temperature Coefficient of Wavelength		0.25nm / °C	
Slope Efficiency	0.85W/A	0.90W/A	
Threshold Current (Typ.)		1.00A	1.10A
Operating Current (Typ.)		1.80A	1.9A
Operating Voltage		2.3V	2.4V
Package Style	TO3		



T03 Package View



Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

