650nm~660nm 150mw Single Mode Laser Diode| SM LD

650nm 5.6mm Package|150mw| SM LD

WSLD-650-150m-1 Wavespectrum Laser, Inc. www.wavespectrum-laser.com

650nm Laser Diode 150mw	Wavespectrum Laser, Inc

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+75	℃
Storage Temperature	T_{stg}	-40 ~ +100	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 650nm
- Single Mode
- TO18 package

Applications:

- Medical laser treatment
- Laser indicator

Specifications	WSLD-650-150m-1		
	Min	Type	Max
Center Wavelength@25℃	654nm	658nm	662nm
Spectral Width (FWHM)		2.0nm	
Output Power	----	150mW	200mW
Emitter		Single	
Beam Divergence (FWHM)	----	44°⊥ x 20°//	----
Monitor Current		----	
PD Reverse Voltage		----	
PD Forward Current		----	
Slope Efficiency	0.8mW/mA	1.0mW/mA	1.3mW/mA
Threshold Current (Typ.)	----	70mA	90mA
Operating Current (Typ.)	----	230mA	----
Operating Voltage	----	2.2V	3V
Package Style		TO18（5.6mm）	

Wavespectrum Laser,Inc.
www.wavespectrum-laser.com
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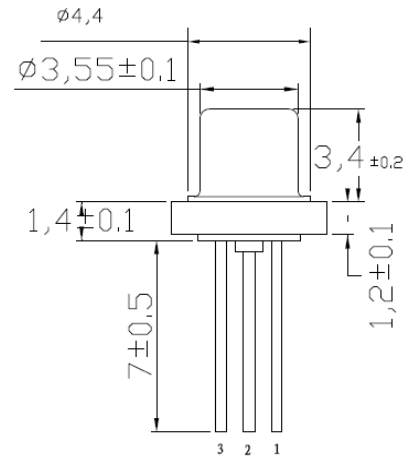
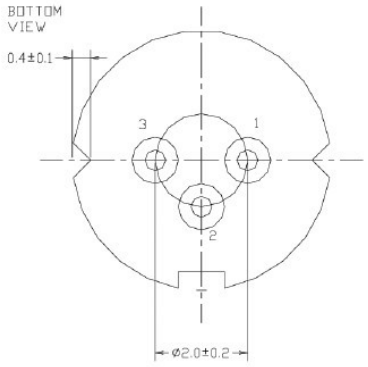
TO18 Package View





1	**NC**
2	**LD(-)**
3	**LD(+)**

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

Suggest using the constant current power supply.

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