635nm Laser Diode	150mw	Wavespectrum Laser, Inc	
PARAMETER	**SYMBOL**	**VALUE**	**UNIT**
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-5～+50	℃
Storage Temperature	T_{stg}	-40 ～ +100	℃
Lead soldering temperature (10 sec.)	T_{is}	260	℃

Features:

- 635nm
- Single Mode beam
- TO18　package

Applications:

- Medical laser treatment
- Laser indicator

Specifications	WSLD-635-150m-1		
	Min	**Type**	**Max**
Center Wavelength@25℃	632nm	638nm	643nm
Recommended Temperature	25 ℃		
Output Power	----	150mW	----
Emitter	Single		
Beam Divergence (FWHM)	13°⊥ x 5°∥	18°⊥ x 9°∥	23°⊥ x 13°∥
Monitor Current	----		
PD Reverse Voltage	----		
PD Forward Current	----		
Slope Efficiency	----	0．95mW/mA	1.2mW/mA
Threshold Current (Typ.)	55mA	80mA	105mA
Operating Current (Typ.)	150mA	230mA	290mA
Operating Voltage	----	2.2V	3V
Package Style	TO18（5.6mm）		

Wavespectrum Laser,Inc.
www.wavespectrum-laser.com
wavespectrumlaser@gmail.com

TO18 Package View
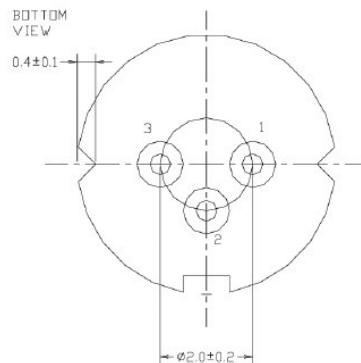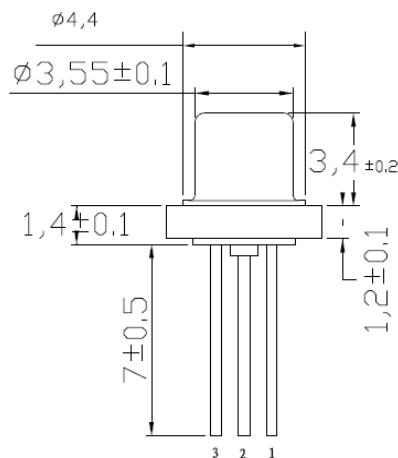
1	LD(-)
2	Case
3	LD(+)

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

Suggest using the constant current power supply.

ATTENTION

OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
SENSITIVE
DEVICES