635nm 120mw~130mw Single Mode Laser Diode| SM LD

635nm 3.8mm Package|130mw| SM LD

WSLD-635-130m-1 Wavespectrum Laser, Inc. www.wavespectrum-laser.com

635nm Laser Diode	130mw	Wavespectrum Laser, Inc

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+55	℃
Storage Temperature	T_{stg}	-40 ~ +85	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 635nm
- Single Mode beam
- 3.8mm Package

Applications:

- Medical laser treatment
- Laser indicator
- Others

Specifications	WSLD-635-130m-1		
	Min	Type	Max
Center Wavelength@25℃	632nm	638nm	642nm
Recommended Temperature	25 ℃		
Output Power	----	130mW	----
Beam Mode	Single Mode		
Beam Divergence (FWHM)	13°⊥ x 5°//	18°⊥ x 8.5°//	23°⊥ x 13°//
Monitor Current	----		
PD Reverse Voltage	----		
PD Forward Current	----		
Slope Efficiency	----	1.1mW/mA	1.3mW/mA
Threshold Current (Typ.)	----	50mA	70mA
Operating Current (Typ.)	----	180mA	200mA
Operating Voltage	----	2.7V	3.0V
Package Style	3.8mm		

Wavespectrum Laser,Inc.
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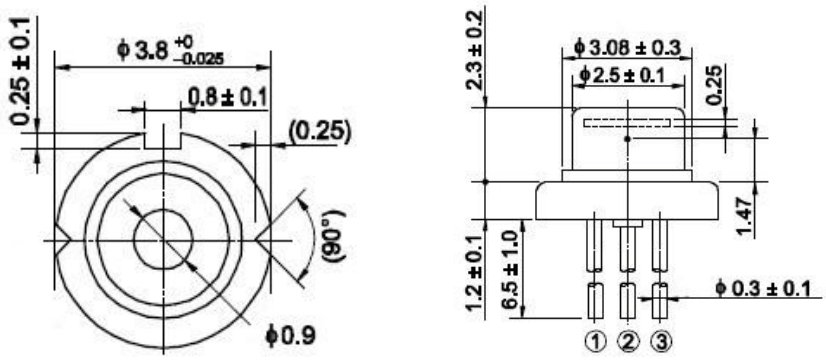
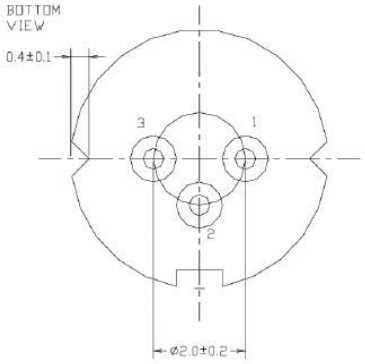
3.8mm Package View



PIN Bottom View:



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

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

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