780nm-785nm 100mw Single Mode LD| SM Laser Diode|5.6mm TO18 Package

780-785nm SM Laser Diodes |Single Mode LD|100mw Power

WSLD-785-100m-1-PD **Wavespectrum laser inc.** **www.wavespectrum-laser.com**

785nm Laser Diode PD 100mw		Wavespectrum Laser, Inc	
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+50	℃
Storage Temperature	T_{stg}	-40 ~ +85	℃
Lead soldering temperature (10 sec.)	T_{ls}	280	℃

Features:

- 785nm
- Single Mode
- Built-in PD
- TO18 package

Applications:

- Medical laser treatment
- Laser indicator
- Laser detector

Specifications	WSLD-785-100m-1-PD		
	Min	Type	Max
Center Wavelength@25℃	775nm	785nm	795nm
Spectral Width (FWHM)		2.0nm	
Output Power		100mw	
Emitter		Single	
Beam Divergence (FWHM)		15°⊥ x 8°//	
Monitor Current		0.5mA	
PD Reverse Voltage		30V	
PD Forward Current		10mA	
Slope Efficiency		1.1mW/mA	
Threshold Current (Typ.)		35mA	
Operating Current (Typ.)		115mA	
Operating Voltage		2.0V	
Package Style		TO18	

Wavespectrum Laser,Inc.
www.wavespectrum-laser.com
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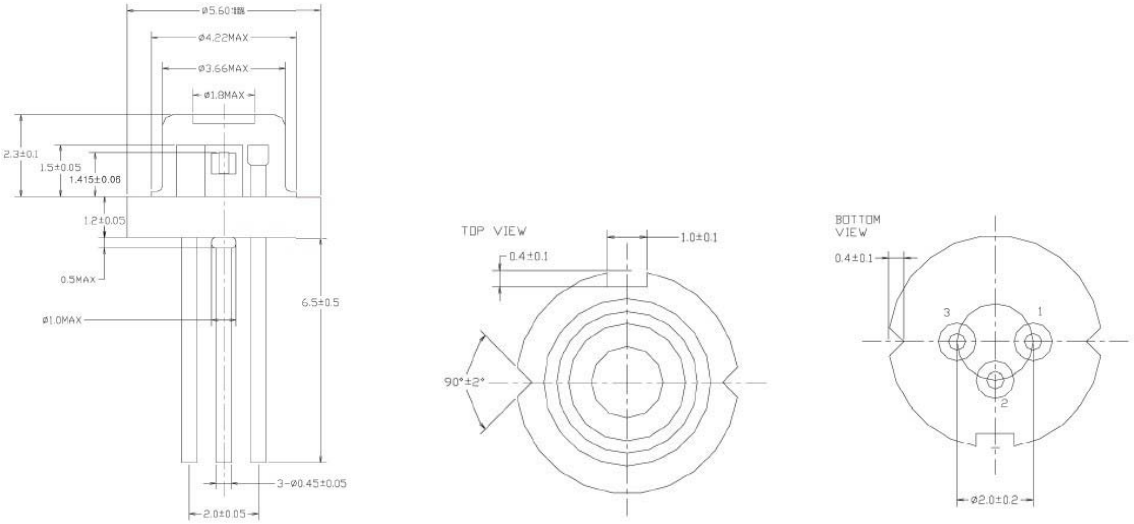
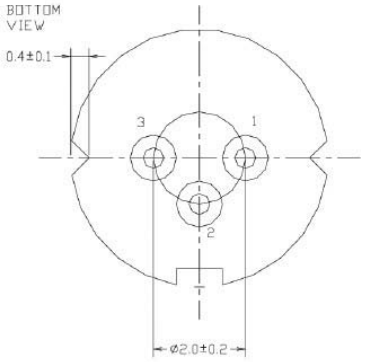
TO18(5.6mm) Package View



PIN Bottom View:



1	**LD(-)**
2	**LD(+)&PD(-)**
3	**PD(+)**

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

Suggest using the constant current power supply.

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