

780nm~785nm 200mw~250mw Single Mode LD| SM Laser Diode|5.6mm TO18 Package

785nm SM Laser Diodes |Single Mode LD|200mw Power

WSLD-785-200m-1

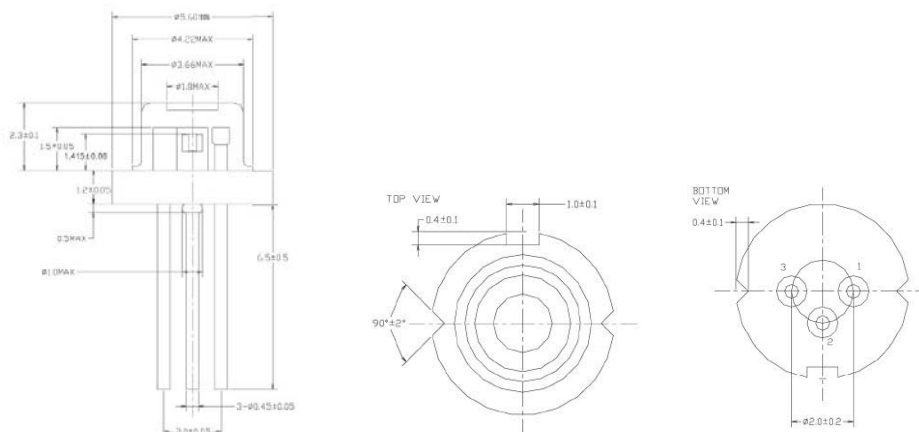
Wavespectrum laser inc.

www.wavespectrum-laser.com

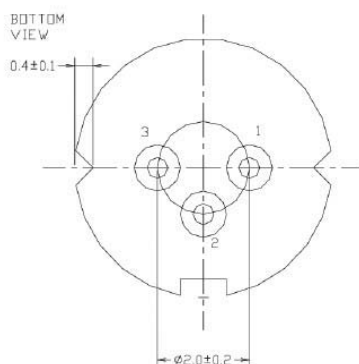
785nm Laser Diode		200mw	Wavespectrum Laser, Inc	
Reverse Voltage	V _r	2.0	V	
Operating Temperature	T _{op}	- 10 ~ + 50	°C	
Storage Temperature	T _{stg}	- 40 ~ + 85	°C	
Lead soldering temperature (10 sec.)	T _{is}	280	°C	
Features: 785nm - Single Mode - Photodiode Optional - TO18 package				
Applications: - Medical laser treatment - Laser indicator - Others				
Specifications		WSLD-785-200m-1		
		Min	Type	Max
Center Wavelength@25°C		775nm	785nm	795nm
Spectral Width (FWHM)		----	1.5nm	2.0nm
Output Power		----	200mw	-----
Emitter		----	3um*1.5um	----
Beam Divergence (FWHM)		15°± x 7° _{//}	19°± x 9° _{//}	25°± x 12° _{//}
Monitor Current		----	----	----
PD Reverse Voltage		----	----	----
PD Forward Current		----	----	-----
Slope Efficiency		0.9m W / mA	1.0m W / mA	1.1m W / mA
Threshold Current (Typ.)		30mA	40mA	-----
Operating Current (Typ.)		----	220mA	240mA
Operating Voltage		-----	2.2V	2.2V
Package Style		TO18		



TO18 (5.6 mm) Package View



PIN Bottom View:



1	LD(-)
2	LD(+)
3	NC or PD(+)

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

Suggest using the constant current power supply.

