

635nm 120mw~130mw Single Mode Laser Diode| SMLD

635nm 3.8mm Package|130mw| SMLD

WSLD-635-130m-1

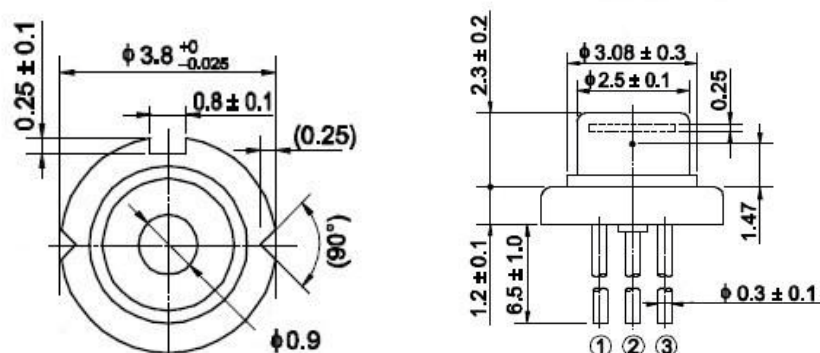
Wavespectrum Laser, Inc.

www.wavespectrum-laser.com

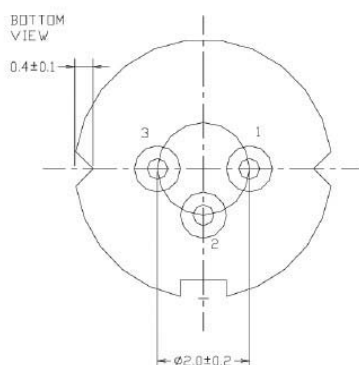
635nm Laser Diode		130mw	Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	- 10 ~ +55		°C
Storage Temperature	T _{stg}	- 40 ~ +85		°C
Lead soldering temperature (10 sec.)	T _{is}	260		°C
Features:				
635nm - Single Mode beam 3.8mm Package				
Applications:				
- Medical laser treatment - Laser indicator - Others				
Specifications		WSLD-635-130m-1		
		Min	Type	Max
Center Wavelength@25°C		632nm	638nm	642nm
Recommended Temperature		25 °C		
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		



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.

