

635nm 30mw Single Mode SM Laser Diode

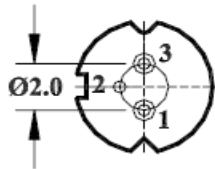
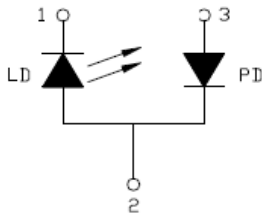
635nm SM LD|30mw power|5.6mm package

WSLD-635-030m-1-PD Wavespectrum Laser, inc. www.wavespectrum-laser.com

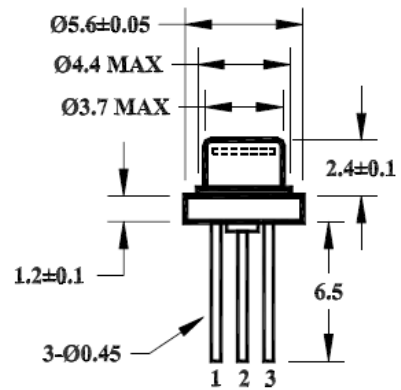
635nm Laser Diode SM 30mw		Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V _r	2.0	V
Operating Temperature	T _{op}	-10 ~ +40	°C
Storage Temperature	T _{stg}	-40 ~ +85	°C
Lead soldering temperature (10 sec.)	T _{is}	260	°C
Features: 635nm CW Built-in PD Single Transverse Mode TO18 package			
Applications: Medical laser treatment Laser indicator Laser detector			
Specifications		WSLD-635-030m-1-PD	
	Min	Type	Max
Center Wavelength@25°C	635nm	639nm	642nm
Spectral Width (FWHM)	----	2.0nm	----
Output Power	----	30mw	----
Emitter	----	Single	----
Beam Divergence (FWHM)	30°± x 6.0° _{//}	33°± x 8.5° _{//}	35°± x 9.5° _{//}
Monitor Current	0.05mA	0.3mA	1.0mA
PD Reverse Voltage	----	30V	----
PD Forward Current	----	----	----
Slope Efficiency	0.5mW / mA	0.75mW / mA	----
Threshold Current (Typ.)	----	50mA	60mA
Operating Current (Typ.)	----	95mA	105mA
Operating Voltage	----	2.3V	2.45V
Package Style	TO18		



TO18(5.6mm) Package View



Bottom View



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

Suggest using the constant current power supply.

