

635nm 30mw Single Mode SM Laser Diode | With Photodiode

635nm~638nm SM LD|30mW Power|5.6mm Package | Red Laser Diode With PD

WSLD-635-030m-1-PD

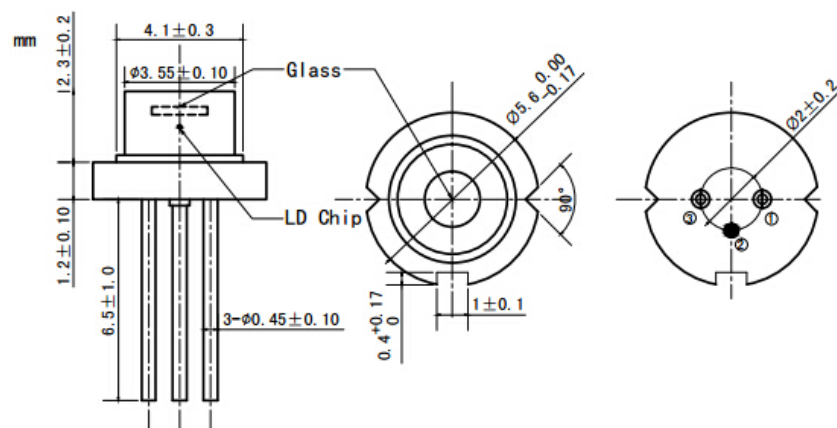
Wavespectrum Laser Group

www.wavespectrum-laser.com

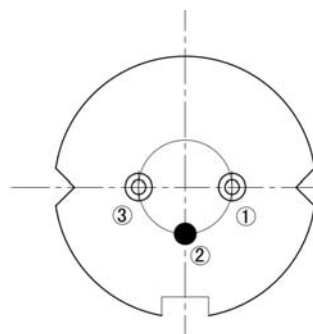
635nm Laser Diode SM		30mW/TO18		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +50		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 638nm - CW Mode - Built-in 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℃			638nm±10nm		
Spectral Width (FWHM)			----	2.0nm	----
Output Power			----	30mW	----
Recommended Operating Temperature			25℃		
Beam Divergence (FWHM)			15°⊥ x 6°//	22°⊥ x 10°//	25°⊥ x 15°//
Monitor Current			----	0.2mA	----
PD Reverse Voltage			----	----	30V
Threshold Current (Typ.)			----	40mA	65mA
Operating Current (Typ.)			----	75mA	85mA
Operating Voltage			----	2.4V	2.7V
Package Style			TO18		



Package View



Pin Out



PIN 1	LD(-)
PIN 2	LD(+) & PD(-), CASE
PIN 3	PD(+)

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

