

670nm 150mW Single Mode Laser Diode| SM LD | Red Laser Diode

665nm~670nm 5.6mm TO18 Package|150mW| High Power SM LD

WSLD-670-150m-1

Wavespectrum Laser Group

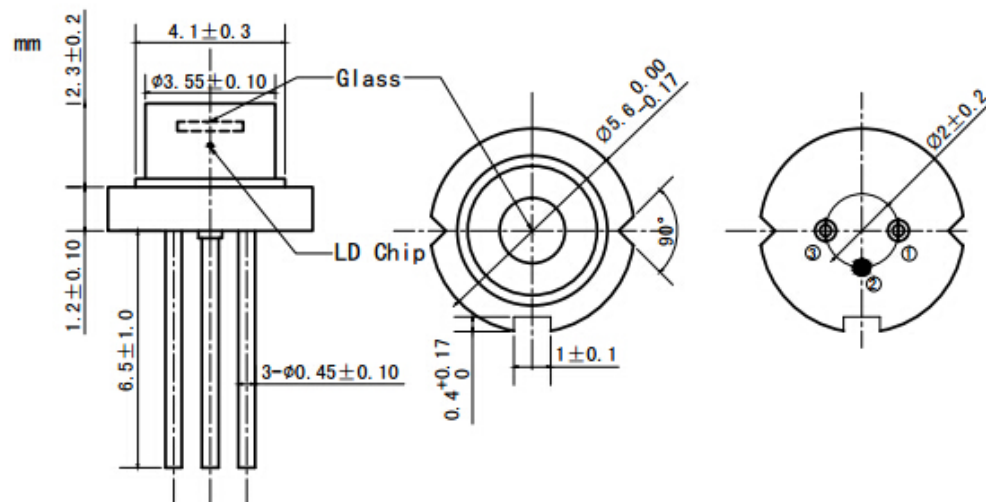
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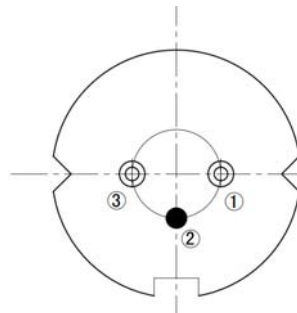
670nm Laser Diode		150mW/TO18		en.wavespectrum-laser.com.cn	
PARAMETER		SYMBOL	VALUE		UNIT
Reverse Voltage		V _r	2.0		V
Operating Temperature		T _{op}	-10 ~ +60		°C
Storage Temperature		T _{stg}	-40 ~ +85		°C
Lead soldering temperature (10 sec.)		T _{is}	260		°C
Features: 670nm Single Mode Beam TO18 Package Applications: Medical Laser Treatment Laser Indicator Others					
Specifications			WSLD-670-150m-1		
			Min	Type	Max
Center Wavelength@25℃			670nm±10nm		
Spectral Width (FWHM)			2.0nm		
Output Power (CW)			----	150mW	----
Emitter			Single		
Beam Divergence (FWHM)			----	15°± x 10°//	18°± x 13°//
Recommended Operating Temperature			25℃		
Slope Efficiency			0.8mW / mA	1.0mW / mA	----
Threshold Current (Typ.)			----	55mA	80mA
Operating Current (Typ.)			----	220mA	240mA
Operating Voltage			----	2.8V	3.5V
Package Style			TO18 (5.6mm)		



TO18(5.6mm) Package View



PIN Bottom View:



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

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

Suggest using the constant current power supply.

