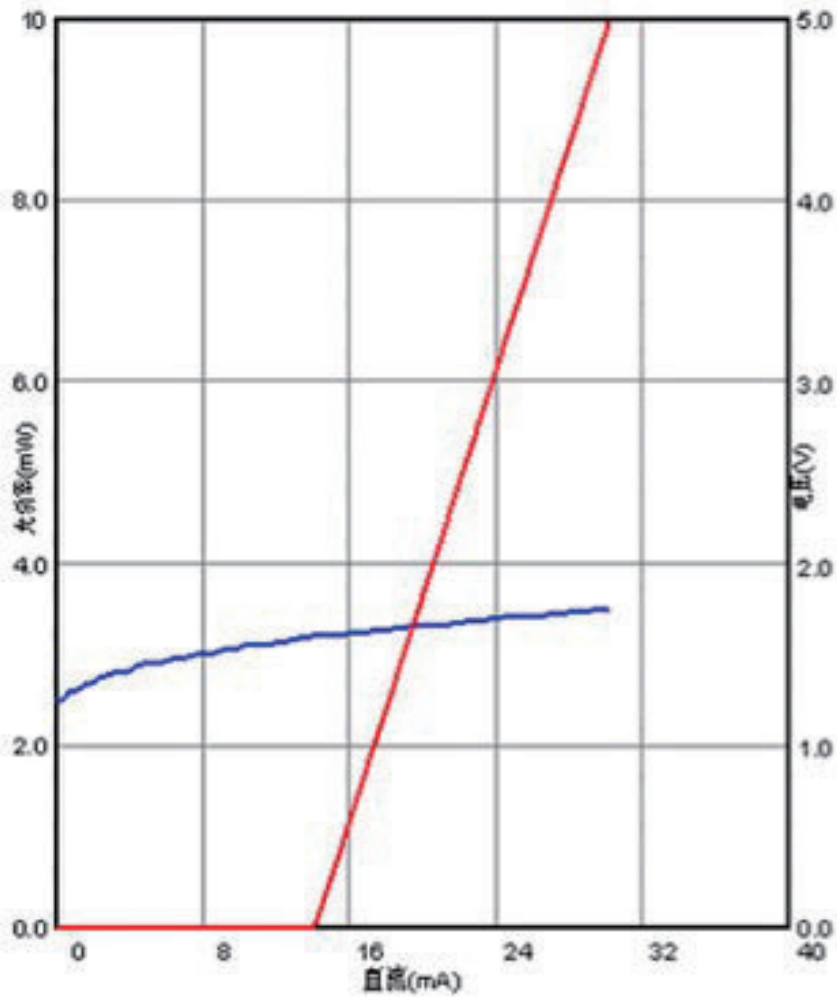


870nm-880nm 10mw SM laser diodes
 870nm-880nm Single Mode LD with TO18 5.6mm
 WSLD-880-010m-1-PD Wavespectrum laser inc.

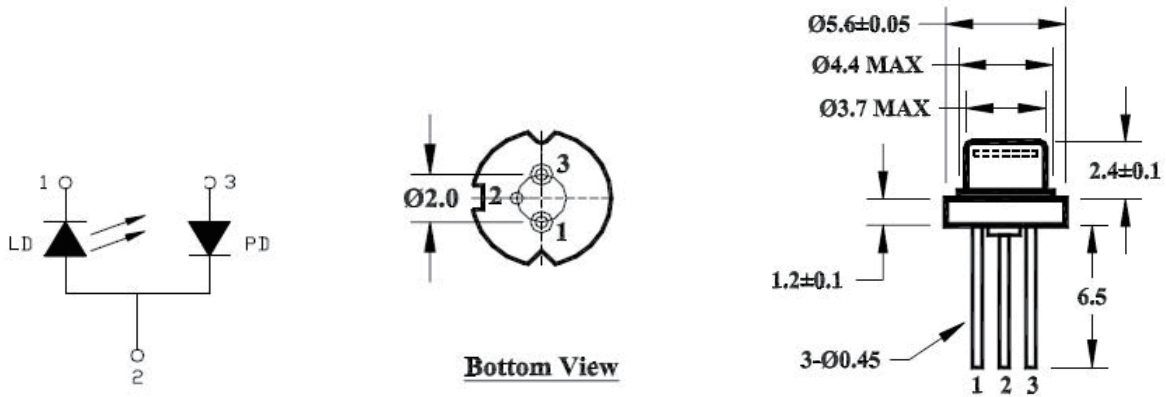
www.wavespectrum-laser.com

880nm Laser Diode		10mw		Wavespectrum Laser, Inc	
Reverse Voltage	V_r	2.0		V	
Operating Temperature	T_{op}	10~+30		°C	
Storage Temperature	T_{stg}	-40 ~ +85		°C	
Lead soldering temperature (10 sec.)	T_{is}	260		°C	
Features: <ul style="list-style-type: none"> 880nm CW TO18 package 					
Applications: <ul style="list-style-type: none"> Medical laser treatment Laser indicator Laser detector 					
Specifications		WSLD-880-010m-1-PD			
		Min	Type	Max	
Center Wavelength@25°C		870nm	880nm	890nm	
Spectral Width (FWHM)			3.0nm		
Output Power			10mw		
Emitter			Single		
Emitter size			4*1um		
Monitor Current			50uA		
Beam Divergence (FWHM)			40° x 10° //		
Temperature Coefficient of Wavelength			0.3nm / °C		
Slope Efficiency			>0.3mW/mA		
Threshold Current (Typ.)			15mA		
Operating Current (Typ.)			28mA	37mA	
Operating Voltage			2.0V		
Package Style			TO18		

Spectrum



TO18(5.6mm) Package View



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

