



870nm-880nm 10mw SM laser diodes

870nm-880nm Single Mode LD with TO18 5.6mm

WSLD-880-010m-1-PD

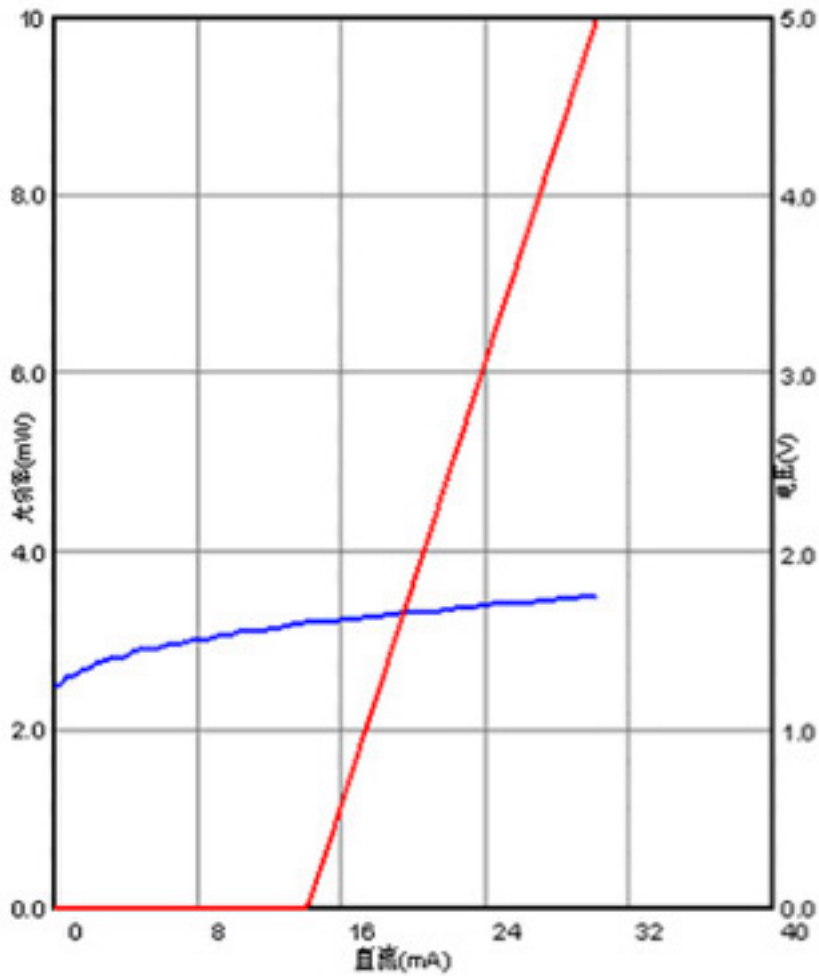
Wavespectrum laser inc.

www.wavespectrum-laser.com

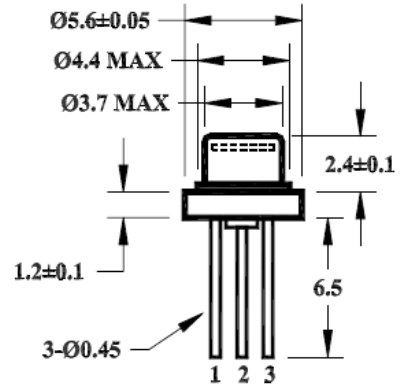
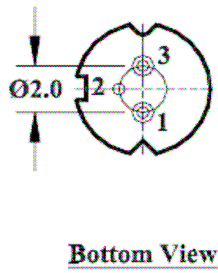
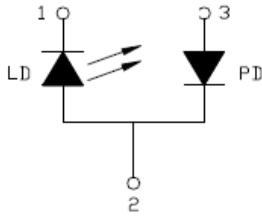
880nm Laser Diode		10mw	Wavespectrum Laser, Inc	
PARAMETER	SYMBOL	VALUE	UNIT	
Reverse Voltage	V_r	2.0	V	
Operating Temperature	T_{op}	10~+30	°C	
Storage Temperature	T_{stg}	-40 ~ +85	°C	
Lead soldering temperature (10 sec.)	T_{is}	260	°C	
Features: λ 880nm λ CW λ TO18 package				
Applications: λ Medical laser treatment λ Laser indicator λ 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		----	180uA	----
Beam Divergence (FWHM)		----	40° \perp x 10°//	----
Temperature Coefficient of Wavelength		----	0.3nm / °C	----
Slope Efficiency		----	0.48mW/mA	----
Threshold Current (Typ.)		----	10mA	----
Operating Current (Typ.)		----	30mA	37mA
Operating Voltage		----	2.1V	----
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.**



Please contact us:

**Website: www.wavespectrum-laser.com (for more detailed information)
Email: info@wavespectrum-laser.com (for inquiry about this product)**

