


980nm 200mw laser diodes

980nm 200mw LD with TO18 5.6mm

WSLD-980-200m-1-PD

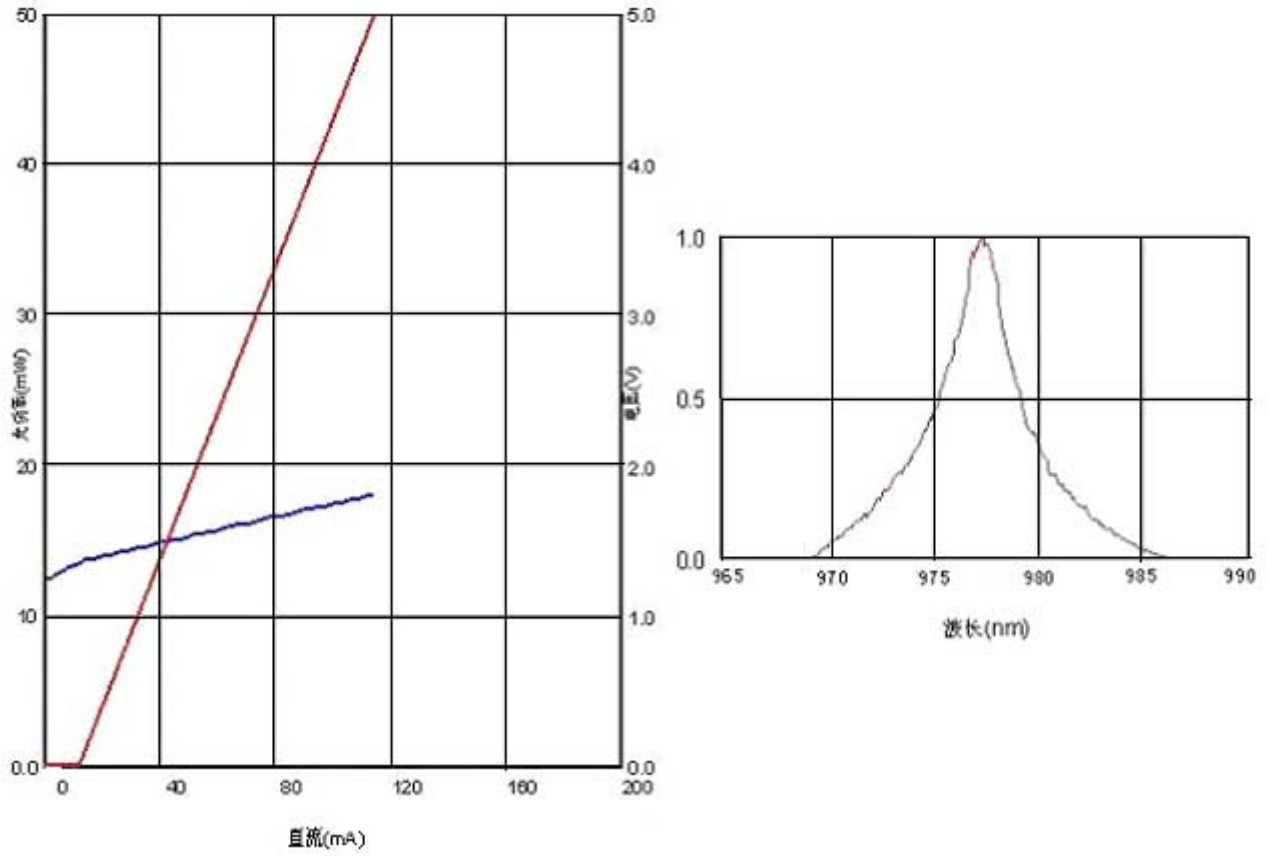
Wavespectrum laser inc.

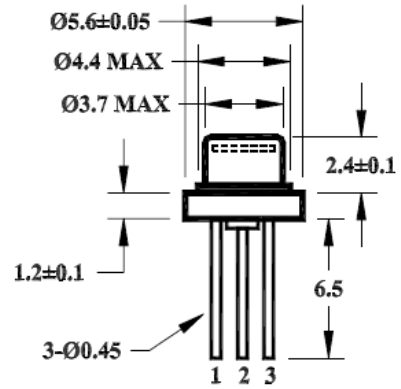
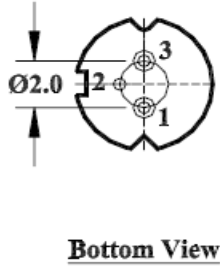
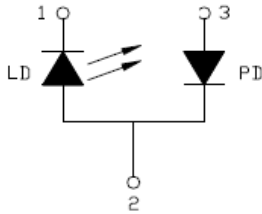
www.wavespectrum-laser.com

980nm Laser Diode		200mw		Wavespectrum Laser, Inc	
Reverse Voltage	V_r	2.0		V	
Operating Temperature	T_{op}	-10 ~ +40		°C	
Storage Temperature	T_{stg}	-40 ~ +80		°C	
Lead soldering temperature (10 sec.)	T_{is}	260		°C	
Features: <ul style="list-style-type: none"> ● 980nm ● CW ● TO18/TO5 package ● Built-in PD Optional 					
Applications: <ul style="list-style-type: none"> ● Medical laser treatment ● Laser indicator ● Laser detector 					
Specifications		WSLD-980-200m-1-PD			
		Min	Type	Max	
Center Wavelength@25°C		970nm	980nm	990nm	
Spectral Width (FWHM)		----	3.0nm	----	
Output Power		----	200mw	----	
Emitter		----	Single	----	
Beam Divergence (FWHM)		----	$35^\circ \pm \times 12^\circ //$	----	
Temperature Coefficient of Wavelength		----	0.3nm / °C	----	
Slope Efficiency		----	0.85mW/mA	----	
Threshold Current (Typ.)		----	----	100mA	
Operating Current (Typ.)		----	----	500mA	
Operating Voltage		----	----	2.4V	
Package Style		TO18/TO5			



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)

