PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	V_r	2.0	V
Operating Temperature	T_{op}	-10~+30	℃
Storage Temperature	T_{stg}	-40 ~ +85	℃
Lead soldering temperature (10 sec.)	T_{ls}	260	℃

Features:

- 980nm
- CW
- TO3,C-mount package

Applications:

- Medical laser treatment
- Laser indicator
- Laser detector

Specifications	WSLD-980-005-3/C		
	Min	Type	Max
Center Wavelength@25℃	+/-3nm	980nm	+/-10nm
Spectral Width (FWHM)	----	2.5nm	----
Output Power	----	5W	----
Emitter Area	----	200x1μm	----
Beam Divergence (FWHM)	----	$36°_{\perp}$ x $10°_{//}$	----
Temperature Coefficient of Wavelength	----	0.28nm / °C	----
Slope Efficiency	----	1.0mW/mA	----
Threshold Current (Typ.)	----	1A	----
Operating Current (Typ.)	----	5.2A	----
Operating Voltage	----	2.0V	----
Package Style	TO3,C-mount		

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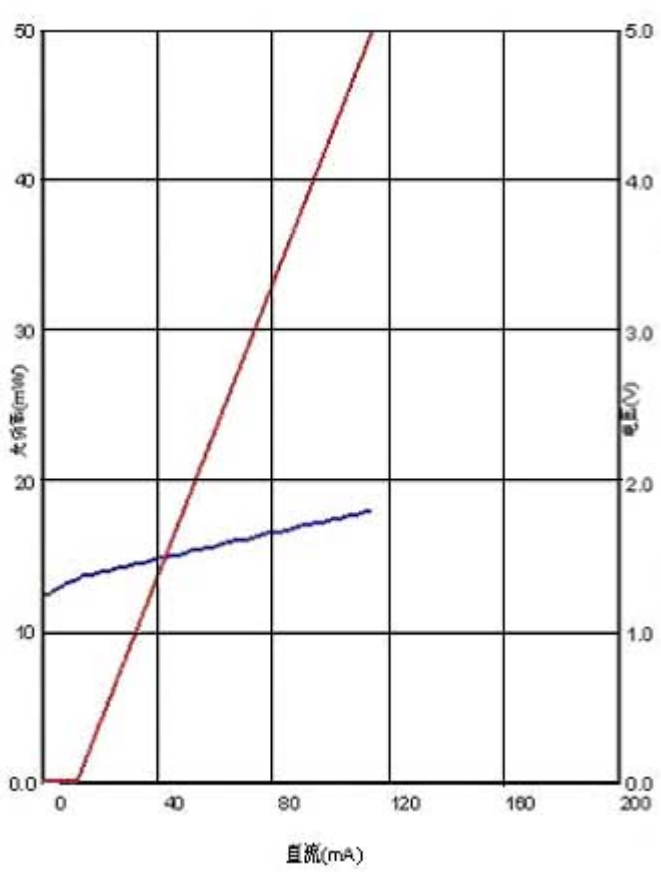
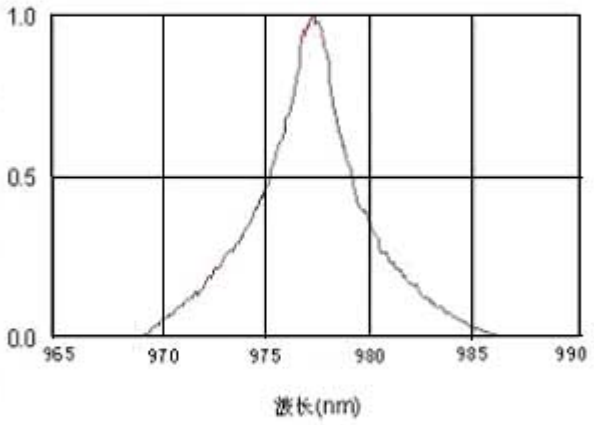
www.wavespectrum-laser.com
wavespectrumlaser@gmail.com

Spectrum





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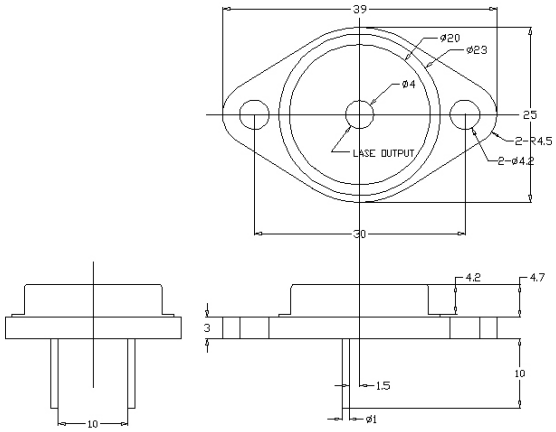
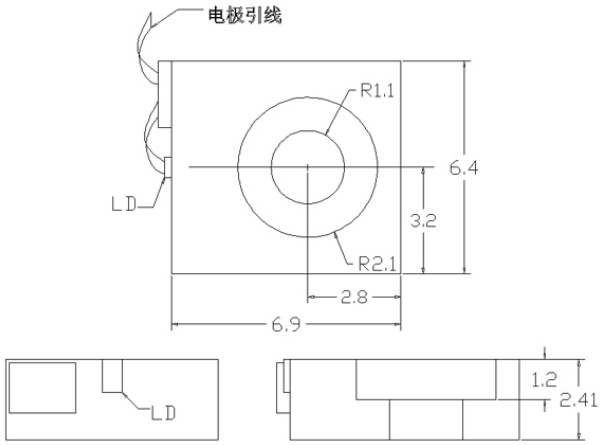
TO3 Package View



C-mount Package View



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

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