


980nm 5W laser diodes with C-mount Package

980nm 5w high power LD

WSLD-980-005-C

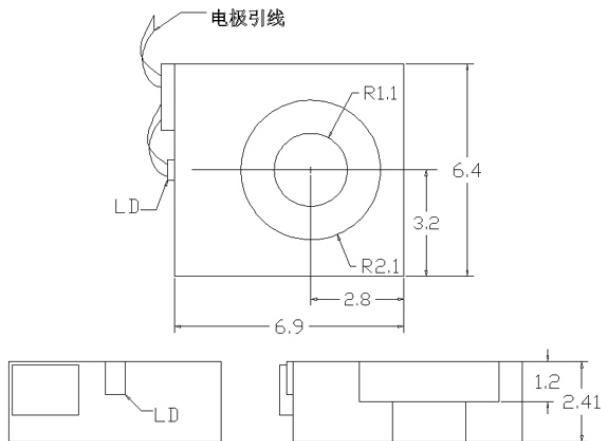
Wavespectrum laser inc.

www.wavespectrum-laser.com

980nm Laser Diode		5W	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"> 980nm CW C-mount package 				
Applications: <ul style="list-style-type: none"> Medical laser treatment Laser indicator Laser detector 				
Specifications		WSLD-980-005-C		
		Min	Type	Max
Center Wavelength@25°C		+/-3nm	980nm	+/-10nm
Spectral Width (FWHM)		----	2.5nm	----
Output Power		----	5W	----
Emitter Area		----	200x1μm	----
Beam Divergence (FWHM)		----	36°± x 10°//	----
Temperature Coefficient of Wavelength		----	0.3nm / °C	----
Slope Efficiency		----	1.0mW/mA	----
Threshold Current (Typ.)		----	450mA	----
Operating Current (Typ.)		----	5.5A	----
Operating Voltage		----	1.9V	----
Package Style		C-mount/TO3		



C-mount 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)

