

## 940nm 5W laser diodes with C mount Package

### 940nm High power 5w LD

WSLD-940-005-C

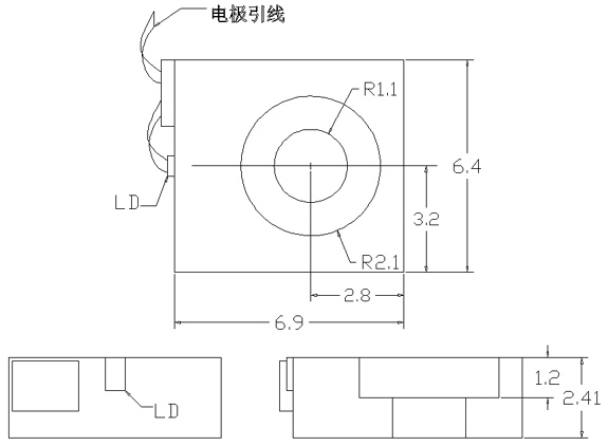
Wavespectrum laser inc.

www.wavespectrum-laser.com

940nm Laser Diode		5W		Wavespectrum Laser, Inc	
Reverse Voltage	$V_r$	2.0		V	
Operating Temperature	$T_{op}$	-10~+30		°C	
Storage Temperature	$T_{stg}$	-20 ~ +85		°C	
Lead soldering temperature (10 sec.)	$T_{is}$	260		°C	
<b>Features:</b> <ul style="list-style-type: none"> <li>940nm</li> <li>CW</li> <li>C-mount package</li> </ul>					
<b>Applications:</b> <ul style="list-style-type: none"> <li>Medical laser treatment</li> <li>Laser indicator</li> <li>Laser detector</li> </ul>					
<b>Specifications</b>		<b>WSLD-940-005-C</b>			
		<b>Min</b>	<b>Type</b>	<b>Max</b>	
Center Wavelength@25°C		+/-3nm	940nm	+/-10nm	
Spectral Width (FWHM)		----	2.5nm	----	
Output Power		----	5W	----	
Emitter Area		----	200x1μm	----	
Beam Divergence (FWHM)		----	36° <sub>⊥</sub> x 10° <sub>//</sub>	40° <sub>⊥</sub> x 12° <sub>//</sub>	
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		C-mount			



### 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](http://www.wavespectrum-laser.com) (for more detailed information)**

**Email: [info@wavespectrum-laser.com](mailto:info@wavespectrum-laser.com) (for inquiry about this product)**

