

**976nm~980nm 4W Laser Diode with C-mount Package | FAC Optional**
**980nm High Power 4W Diode Laser | Square Beam Optional**

WSLD-980-004-C

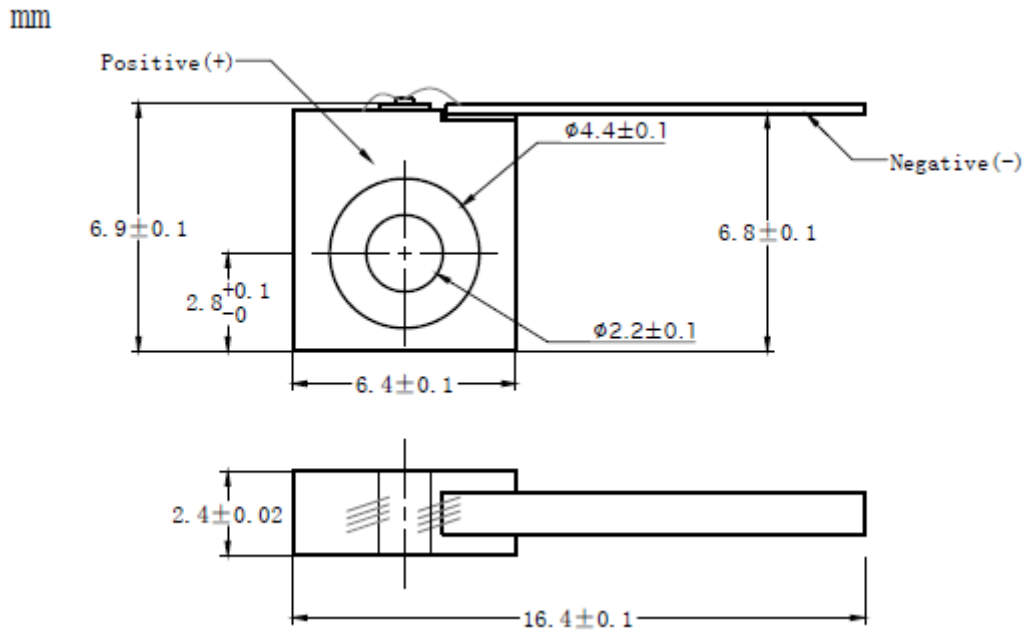
Wavespectrum laser Group

[www.wavespectrum-laser.com](http://www.wavespectrum-laser.com)

980nm Laser Diode		4W/C-mount		Wavespectrum Laser Group	
Reverse Voltage	$V_r$	2.0		V	
Operating Temperature	$T_{op}$	+10~+30		°C	
Storage Temperature	$T_{stg}$	-20~+80		°C	
Lead soldering temperature (10 sec.)	$T_{is}$	260		°C	
<b>Features:</b> <ul style="list-style-type: none"> <li>980nm</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-980-004-C</b>			
		<b>Min</b>	<b>Type</b>	<b>Max</b>	
Center Wavelength@25°C		+/-5nm	976nm	+/-10nm	
Spectral Width (FWHM)		----	3.0nm	----	
Output Power		----	4W	----	
Emitter Area		100x1μm			
Beam Divergence (FWHM)		----	35° <sub>⊥</sub> x 8° <sub>//</sub>	----	
Temperature Coefficient of Wavelength		----	0.3nm / °C	----	
Slope Efficiency		----	1.1mW/mA	----	
Threshold Current (Typ.)		----	0.3A	0.6A	
Operating Current (Typ.)		----	4.2A	4.5A	
Operating Voltage		----	1.8V	2.2V	
Package Style		C-mount			
Recommended Operating Temperature		25°C			



### C-mount Package View



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

