

940nm 3W Laser Diode with C mount Package

940nm High power 3w LD

WSLD-940-003-C

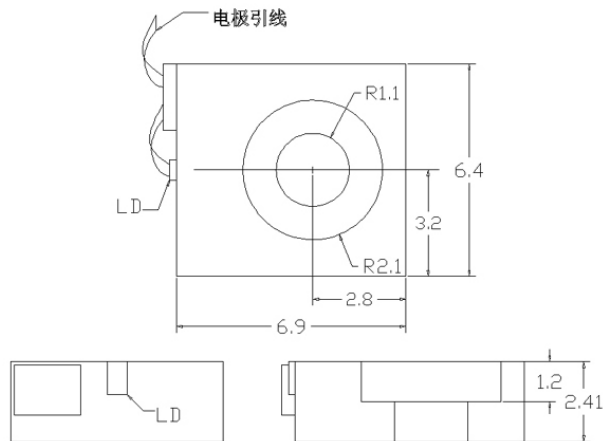
Wavespectrum laser inc.

www.wavespectrum-laser.com

940nm Laser Diode		3W	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	
Features:				
940nm - CW - C-mount or TO3 package				
Applications:				
- Medical laser treatment - Laser indicator - Laser detector				
Specifications		WSLD-940-003-C		
	Min	Type	Max	
Center Wavelength@25℃	+/-3nm	940nm	+/-10nm	
Spectral Width (FWHM)	----	2.5nm	----	
Output Power	----	3W	----	
Emitter Area	----	100x1μm	----	
Beam Divergence (FWHM)	----	36° _⊥ x 10° _{//}	40° _⊥ x 12° _{//}	
Temperature Coefficient of Wavelength	----	0.3nm / °C	----	
Slope Efficiency	----	1.0mW/mA	----	
Threshold Current (Typ.)	----	350mA	----	
Operating Current (Typ.)	----	3.2A	----	
Operating Voltage	----	1.85V	----	
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)

