

980nm 3W laser diodes with C-mount Package

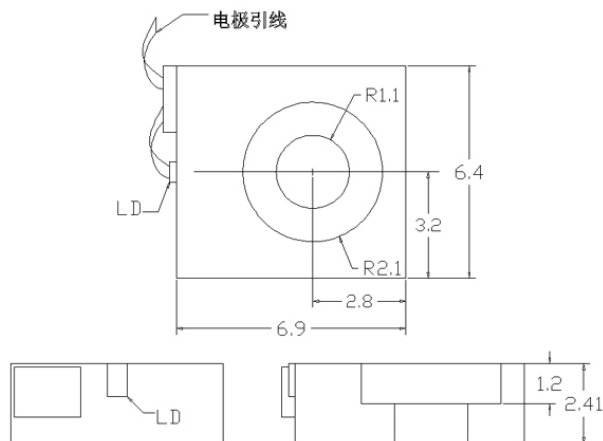
976nm~980nm 3w high power LD

WSLD-980-003-C Wavespectrum laser inc. www.wavespectrum-laser.com

980nm Laser Diode		3W	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:				
980nm - CW - C-mount or TO3 package				
Applications:				
- Medical laser treatment - Laser indicator - Laser detector				
Specifications		WSLD-980-003-C		
		Min	Type	Max
Center Wavelength@25℃		970nm	980nm	990nm
Spectral Width (FWHM)		----	----	2.5nm
Output Power		----	3W	----
Emitter Area		100x1μm or 150x1μm		
Beam Divergence (FWHM)		----	36° _⊥ x 10° _{//}	40° _⊥ x 12° _{//}
Temperature Coefficient of Wavelength		----	0.28nm / °C	----
Slope Efficiency		----	1.0mW/mA	----
Threshold Current (Typ.)		----	----	700mA
Operating Current (Typ.)		----	----	3.2A
Operating Voltage		----	----	2.0V
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)

