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940nm 4W Laser Diode with C mount Package
940nm High power 4w LD

WSLD-940-004-C　　Wavespectrum laser inc.　　www.wavespectrum-laser.com

940nm Laser Diode　4W		Wavespectrum Laser, Inc	
Reverse Voltage	V_r	**2.0**	**V**
Operating Temperature	T_{op}	**-10~+30**	**℃**
Storage Temperature	T_{stg}	**-20 ~ +85**	**℃**
Lead soldering temperature (10 sec.)	T_{ls}	**260**	**℃**

Features:

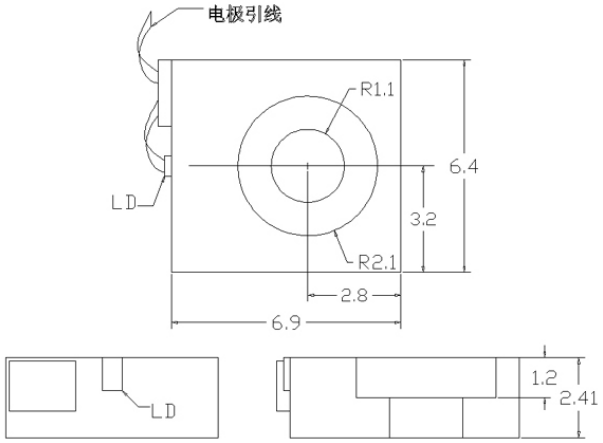
- 940nm
- CW
- C-mount or TO3 package

Applications:

- Medical laser treatment
- Laser indicator
- Laser detector

Specifications	WSLD-940-004-C		
	Min	**Type**	**Max**
Center Wavelength@25℃	**+/-3nm**	**940nm**	**+/-10nm**
Spectral Width (FWHM)	**----**	**2.5nm**	**----**
Output Power	**----**	**4W**	**----**
Emitter Area	**----**	**200x1μm**	**----**
Beam Divergence (FWHM)	**----**	**36°⊥ x 10°//**	**40°⊥ x 12°//**
Temperature Coefficient of Wavelength	**----**	**0.3nm / °C**	**----**
Slope Efficiency	**----**	**0.9mW/mA**	**----**
Threshold Current (Typ.)	**----**	**450mA**	**----**
Operating Current (Typ.)	**----**	**4.5A**	**----**
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)

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