

770nm~760nm 2W C Mount Laser Diode

770nm Laser Diode| High Power LD| 2W Power| C-mount Package

WSLD-770-002-C

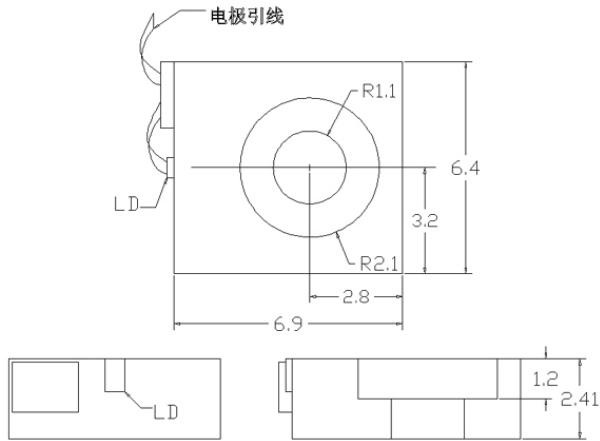
Wavespectrum Laser, Inc.

www.wavespectrum-laser.com

770nm Laser Diode 2W		Wavespectrum Laser, Inc		
PARAMETER	SYMBOL	VALUE	UNIT	
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: <ul style="list-style-type: none"> 770nm Multimode TO3,C-mount package FAC Lens Optional 				
Applications: <ul style="list-style-type: none"> Medical laser treatment Laser indicator Others 				
Specifications		WSLD-770-002-C		
		Min	Type	Max
Center Wavelength@25°C		----	770nm +/- 10nm	----
Spectral Width (FWHM)			2.0nm	
Output Power		----	2W	----
Emitter Area		----	150x1µm	-----
Beam Divergence (FWHM)		35°± x 7°//	34°± x 8°//	38°± x 10°//
Temperature Coefficient of Wavelength		----	0.3nm / °C	----
Slope Efficiency		0.9W/A	1.0W/A	1.2W/A
Threshold Current (Typ.)		----	0.3A	0.5A
Operating Current (Typ.)		----	2.0A	2.7A
Operating Voltage		----	2.0V	2.5V
Package Style		TO3/C-mount		



C-mount Package View



Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

