

780nm~785nm 2W C Mount Laser Diode

780nm Laser Diode| High Power LD| 2W Power| C-mount Package

WSLD-785-002-C

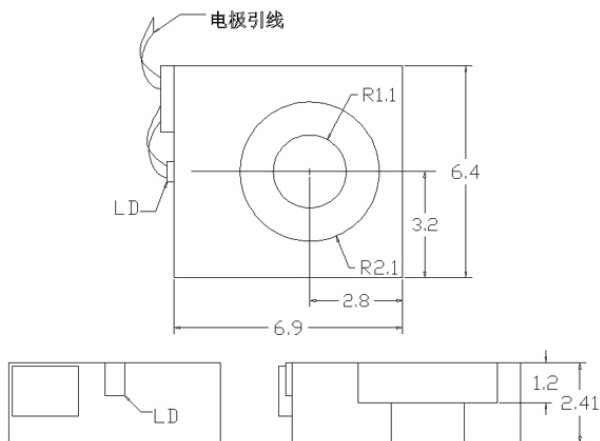
Wavespectrum Laser, Inc.

www.wavespectrum-laser.com

780nm 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: 780nm - Multimode - TO3,C-mount package Applications: - Medical laser treatment - Laser indicator - Laser detector			
Specifications		WSLD-785-002-C	
	Min	Type	Max
Center Wavelength@25°C	----	780nm +/- 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.

