

808nm~810nm 3W C-mount Laser Diode | FAC Optional | Square Beam Optional

808nm Laser Diode| High Power LD| 3W Output Power| C-mount Package

WSLD-808-003-C

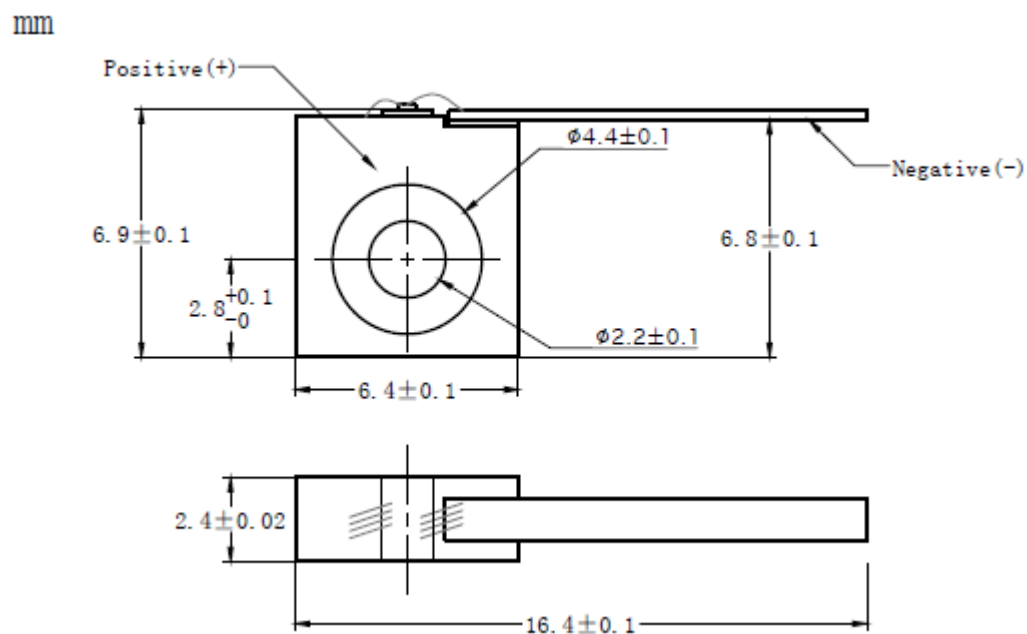
Wavespectrum Laser Group

www.wavespectrum-laser.com

808nm Laser Diode		3W/C-mount	en.wavespectrum-laser.com.cn	
PARAMETER	SYMBOL	VALUE		UNIT
Reverse Voltage	V _r	2.0		V
Operating Temperature	T _{op}	+10~+30		°C
Storage Temperature	T _{stg}	-20~ +80		°C
Lead Soldering Temperature (10 sec.)	T _{is}	260		°C
Features: 808nm - Multimode - C-mount Package - FAC Lens Optional				
Applications: - Medical Laser Treatment - Laser Indicator - Others				
Specifications		WSLD-808-003-C		
		Min	Type	Max
Center Wavelength@25℃		±3nm	808nm	±10nm
Spectral Width (FWHM)			3.0nm	
Output Power		----	3W	----
Emitter Area		----	100x1μm	-----
Beam Divergence (FWHM)		----	35°⊥ x 8°//	----
Temperature Coefficient of Wavelength		----	0.3nm / °C	----
Slope Efficiency		----	1.2W/A	----
Threshold Current (Typ.)		----	0.4A	0.7A
Operating Current (Typ.)		----	3.0A	3.4A
Operating Voltage		----	1.8V	2.2V
Package Style		C-mount		
Recommended Operating Temperature		25℃		



C-mount Package View



**Electrically shorten LD module and store in non-extreme conditions.
Suggest using the constant current power supply.**

