

770nm~775nm 5W C-mount Laser Diode | FAC Optional | Square Beam Optional

770nm Laser Diode| High Power LD| 5W Power| C-mount Package

WSLD-770-005-C

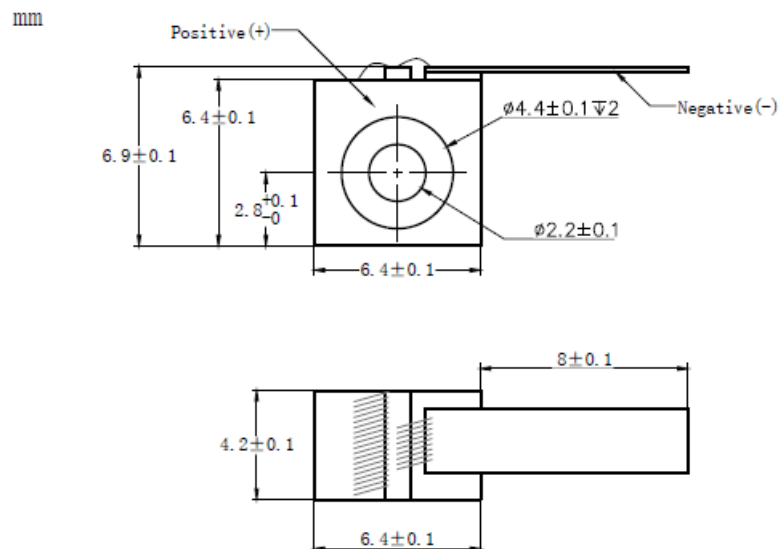
Wavespectrum Laser Group

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770nm Laser Diode		5W/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: 770nm - Multimode - C-mount Package - FAC Lens Optional				
Applications: - Medical Laser Treatment - Sensing - Others				
Specifications		WSLD-770-005-C		
		Min	Type	Max
Center Wavelength@25℃		770nm±10nm		
Spectral Width (FWHM)			2.0nm	
Output Power		----	5W	----
Emitter Area		----	150x1μm	-----
Beam Divergence (FWHM)		----	35° _⊥ x 8° _{//}	----
Temperature Coefficient of Wavelength		----	0.3nm / °C	----
Slope Efficiency		----	1.2W/A	----
Threshold Current (Typ.)		----	1.2A	----
Operating Current (Typ.)		----	5.5A	----
Operating Voltage		----	2.0V	----
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.**



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