

780nm~785nm 5W C-mount Laser Diode | FAC Optional | Square Beam Optional

785nm Laser Diode| High Power LD| 5W Power| C-mount Package

WSLD-785-005-C

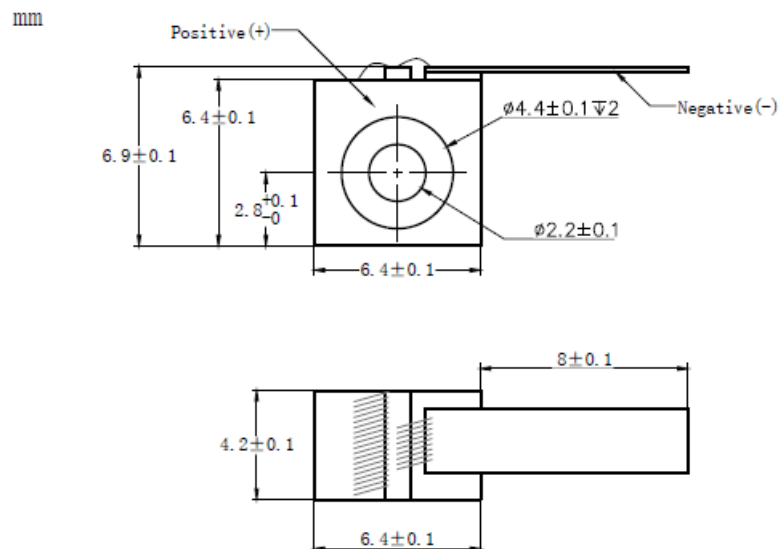
Wavespectrum Laser Group

www.wavespectrum-laser.com

785nm 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: 785nm Multimode C-mount Package FAC Lens Optional					
Applications: Medical Laser Treatment Sensing Others					
Specifications			WSLD-785-005-C		
			Min	Type	Max
Center Wavelength@25℃			785nm±15nm		
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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