

1064nm 3W Laser Diode with C-mount Package

1060nm~1064nm 3W High Power LD | Square Beam Optional

WSLD-1064-003-C

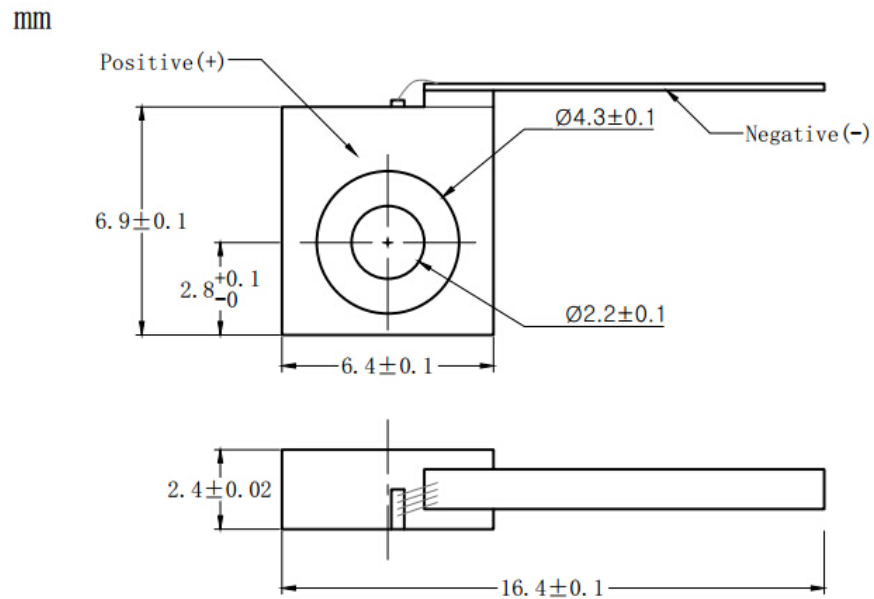
Wavespectrum Laser Group

www.wavespectrum-laser.com

1064nm Laser Diode		3W	Wavespectrum Laser Group	
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:				
1064nm - CW Mode 3W Output Power - C-mount Package				
Applications:				
- Medical laser treatment - Night Version - Others				
Specifications		WSLD-1064-003-C		
		Min	Type	Max
Center Wavelength@25℃		+/-5nm	1064nm	+/-20nm
Spectral Width (FWHM)		----	4.0nm	----
Output Power		----	3W	----
Emitter Area		100x1μm		
Beam Divergence (FWHM)		----	32°± x 8°//	42°± x 10°//
Temperature Coefficient of Wavelength		----	0.4nm / °C	----
Slope Efficiency		----	0.9mW/mA	----
Threshold Current (Typ.)		----	0.3A	0.5A
Operating Current (Typ.)		----	3.6A	4.0A
Operating Voltage		----	1.7V	2.0V
Package Style		C-mount		



C-mount Package



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



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