

## High Power laser diode LDWS-1064-8W-E

### Features

Wavelength 1064nm  
Multimode  
E-mount package  
FAC Lens Optional



### Applications

Medical laser treatment  
Laser Pumping  
Others

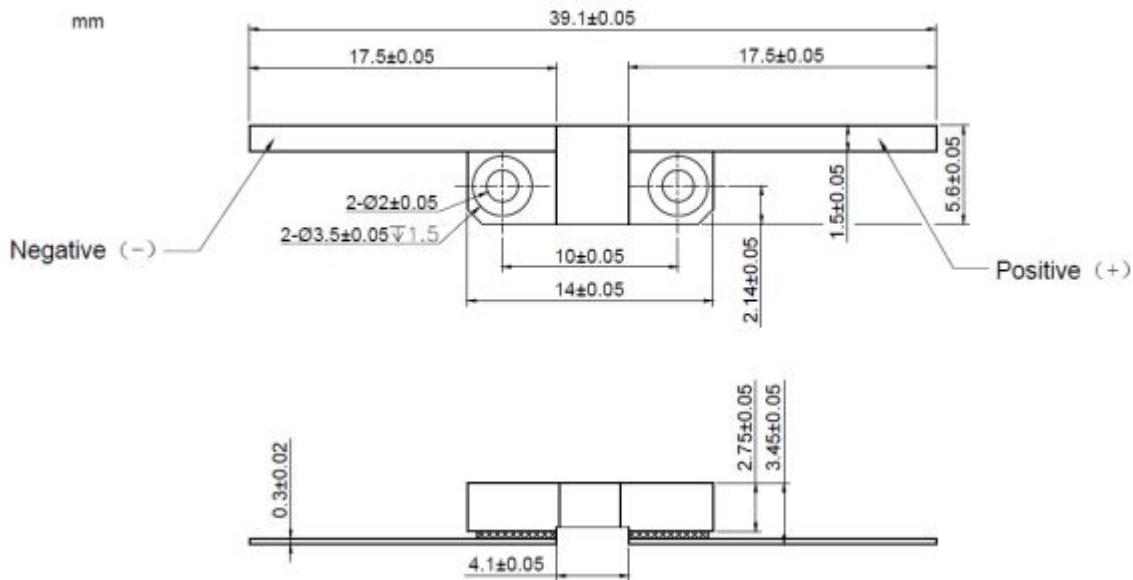
Items	Symbols	Values	Unit
Reverse voltage	$V_r$	2.0	V
Operating temperature	$T_{op}$	+10~+30	°C
Storage temperature	$T_{stg}$	-20~+80	°C
Lead soldering temperature (10sec.)	$T_{is}$	260	°C

Specifications			
Items	Values		
	Min	Type	Max
Center Wavelength @ 25°C	±10nm	1064nm	±20nm
Spectral Width (FWHM)	-	5.0nm	-
Output Power	-	8W	-
Emitter Area*	-	200×1μm	-
Beam Divergence (FWHM)	-	30° ×10°//	-
Slope Efficiency	-	0.7W/A	-
Threshold Current (Typ.)	-	0.8A	-
Operating Current (Typ.)	-	12.0A	-
Operating Voltage	-	1.7V	-
Package Style	E-mount		
Recommended Operating Temperature	25°C		

\* On request: 200×1μm, 400×1μm.

**High Power laser diode LDWS-1064-8W-E**

**E-mount Package View**



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



[www.lascompany.ru](http://www.lascompany.ru)

[info@lascompany.ru](mailto:info@lascompany.ru)

/ : +7(812)448-08-13