

High Power laser diode LDWS-1064-5W-E

Features

Wavelength 1064nm
Multimode
E-mount package
FAC Lens Optional



Applications

Medical laser treatment
Laser Pumping
Others

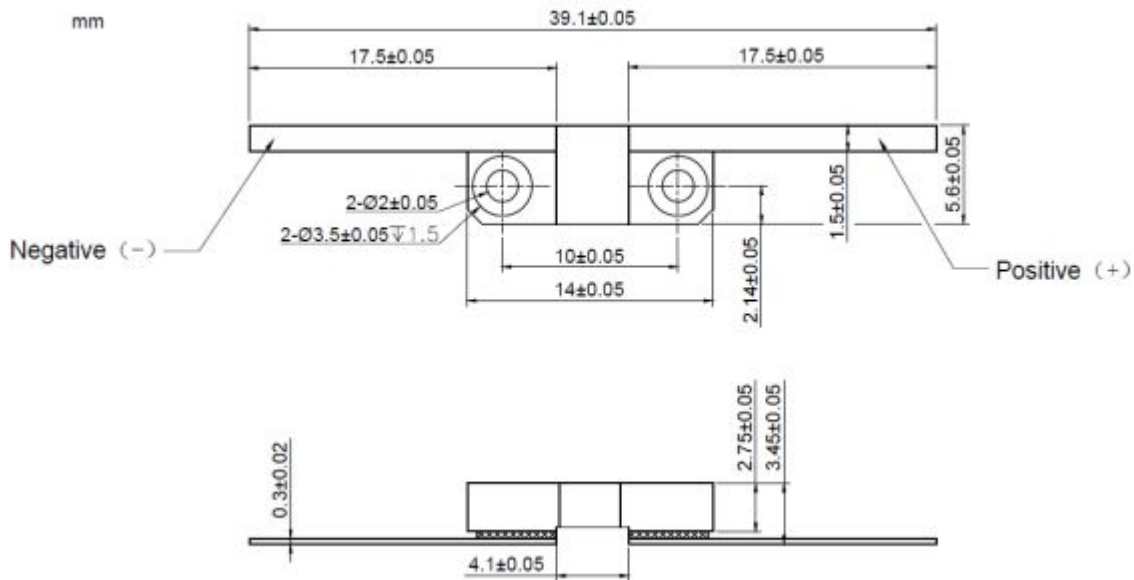
Items	Symbols	Values	Unit
Reverse voltage	V_r	2.0	V
Operating temperature	T_{op}	+10~+30	°C
Storage temperature	T_{stg}	-20~+80	°C
Lead soldering temperature (10sec.)	T_{is}	260	°C

Specifications			
Items	Values		
	Min	Type	Max
Center Wavelength @ 25°C	±10nm	1064nm	±20nm
Spectral Width (FWHM)	-	5.0nm	-
Output Power	-	5W	-
Emitter Area*	-	200×1μm	-
Beam Divergence (FWHM)	-	30° ×10°//	-
Slope Efficiency	-	0.9W/A	-
Threshold Current (Typ.)	-	1.0A	-
Operating Current (Typ.)	-	7.0A	-
Operating Voltage	-	1.6V	-
Package Style	E-mount		
Recommended Operating Temperature	25°C		

* On request: 200×1μm, 400×1μm.

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E-mount Package View



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



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