

High Power laser diode LDWS-980-15W-E

Features

Wavelength 980nm
CW
E-mount package
FAC Lens Optional



Applications

Medical laser treatment
Laser Pumping
Others

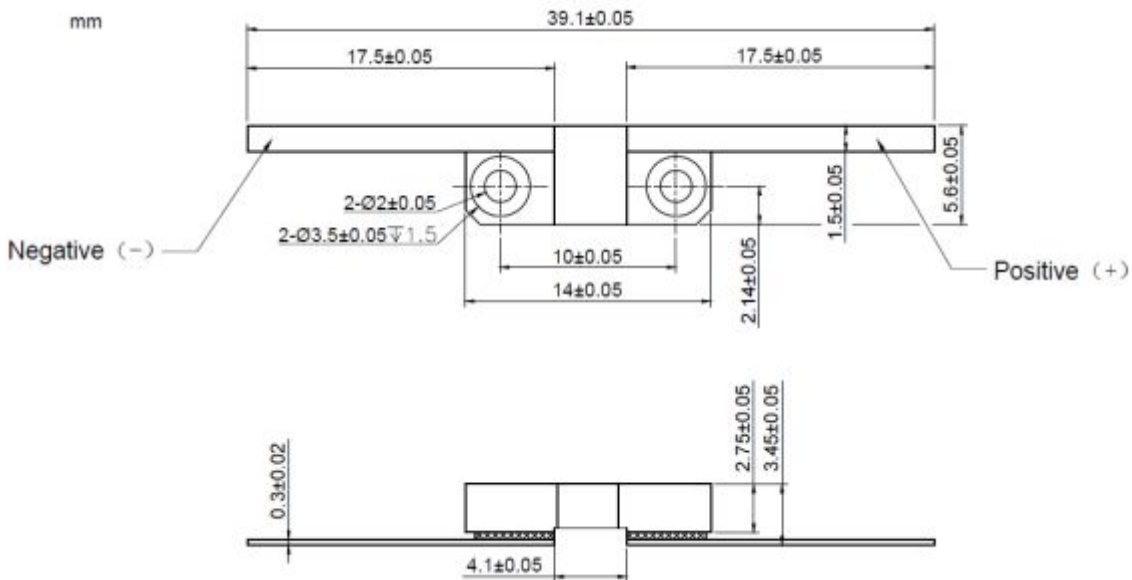
Items	Symbols	Values	Unit
Reverse voltage	V_r	2.0	V
Operating temperature	T_{op}	+10~+30	°C
Storage temperature	T_{stg}	-20~+80	°C
Lead soldering temperature (10sec.)	T_{is}	260	°C

Specifications			
Items	Values		
	Min	Type	Max
Center Wavelength @ 25°C	±5nm	976nm	±10nm
Spectral Width (FWHM)	-	4.0nm	-
Output Power	-	15W	-
Emitter Area*	-	200×1μm	-
Beam Divergence (FWHM)	-	35° ×8%	-
Temperature Coefficient of Wavelength	-	0.3nm/°C	-
Slope Efficiency	-	1.1W/A	-
Threshold Current (Typ.)	-	1.3A	-
Operating Current (Typ.)	-	15.0A	-
Operating Voltage	-	1.9V	-
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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