

High Power laser diode LDWS-1550-3W-E

Features

Wavelength 1550nm
3W Output power
E-mount package
FAC Lens Optional



Applications

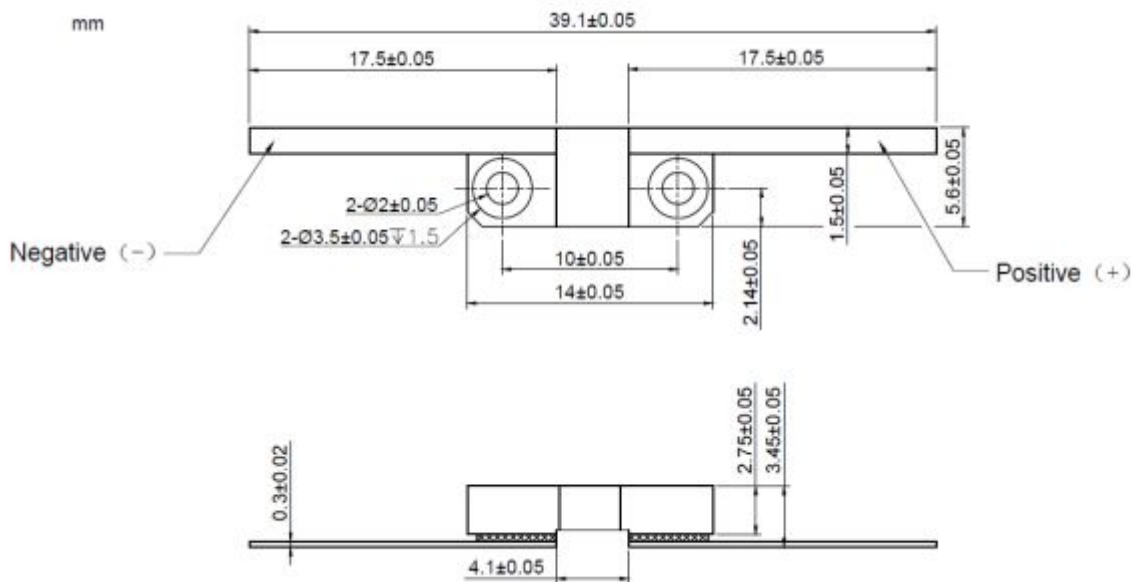
Medical laser treatment
Others

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	1550nm	±30nm
Spectral Width (FWHM)	-	15.0nm	-
Output Power	-	3W	-
Emitter Area	-	100×1μm	-
Beam Divergence (FWHM)	-	35° ×10%	-
Temperature Coefficient of Wavelength	-	0.7nm/°C	-
Slope Efficiency	-	0.32W/A	-
Threshold Current (Typ.)	-	0.5A	-
Operating Current (Typ.)	-	10.0A	-
Operating Voltage	-	2.0V	-
Package Style	E-mount		
Recommended Operating Temperature	25°C		

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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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