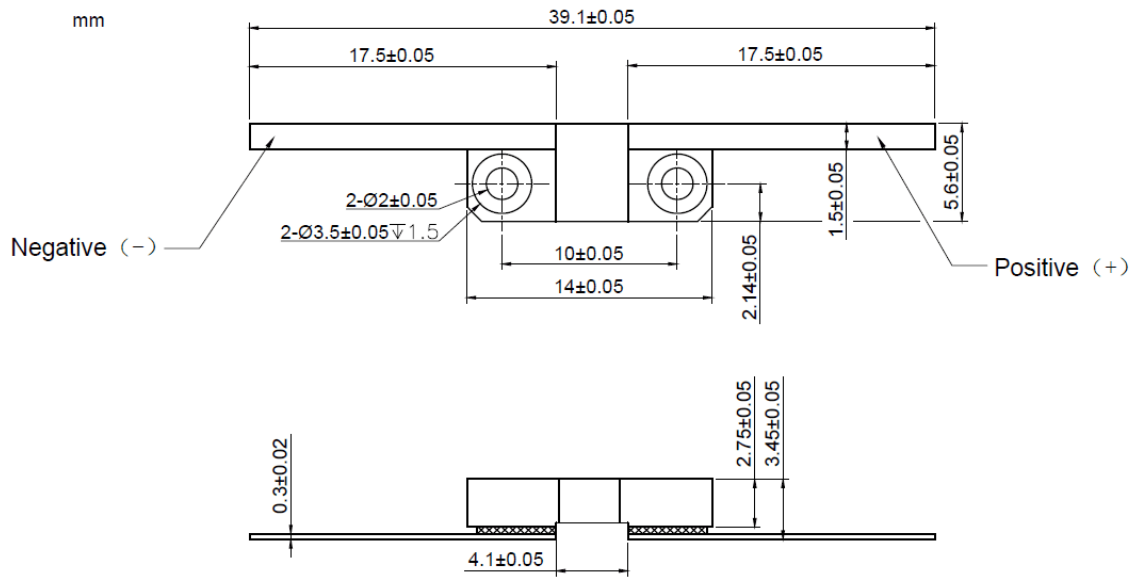


**880nm 8W Laser Diode With E-mount Package | With FAC Lens Optional**
**870nm~880nm LD with 8W Output Power | Square Beam Optional**
**WSLD-880-008-E**
**Wavespectrum Laser Group**
**www.wavespectrum-laser.com**
**880nm Laser Diode 8W/E-mount**
**en.wavespectrum-laser.com.cn**

PARAMETER	SYMBOL	VALUE	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 (10 sec.)	$T_{is}$	260	°C
<b>Features:</b> <ul style="list-style-type: none"> <li>● 880nm</li> <li>● E-mount Package</li> <li>● Square Beam Optional</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>● Medical Laser Treatment</li> <li>● Laser Indicator</li> <li>● Laser Detector</li> </ul>			
<b>Specifications</b>	<b>WSLD-880-008-E</b>		
	Min	Type	Max
Center Wavelength@25°C	$\pm 3\text{nm}$	880nm	$\pm 10\text{nm}$
Spectral Width (FWHM)		3.0nm	
Output Power	----	8W	----
Emitter Area	----	200um or 400um	----
Beam Divergence (FWHM)	----	$35^\circ \perp \times 8^\circ //$	----
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Slope Efficiency	----	1.1W/A	----
Threshold Current (Typ.)	----	1.5A	----
Operating Current (Typ.)	----	9.0A	----
Operating Voltage	----	1.8V	----
Package Style	E-mount		
Recommended Operating Temperature	25°C		



### E-mount Package View



Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

