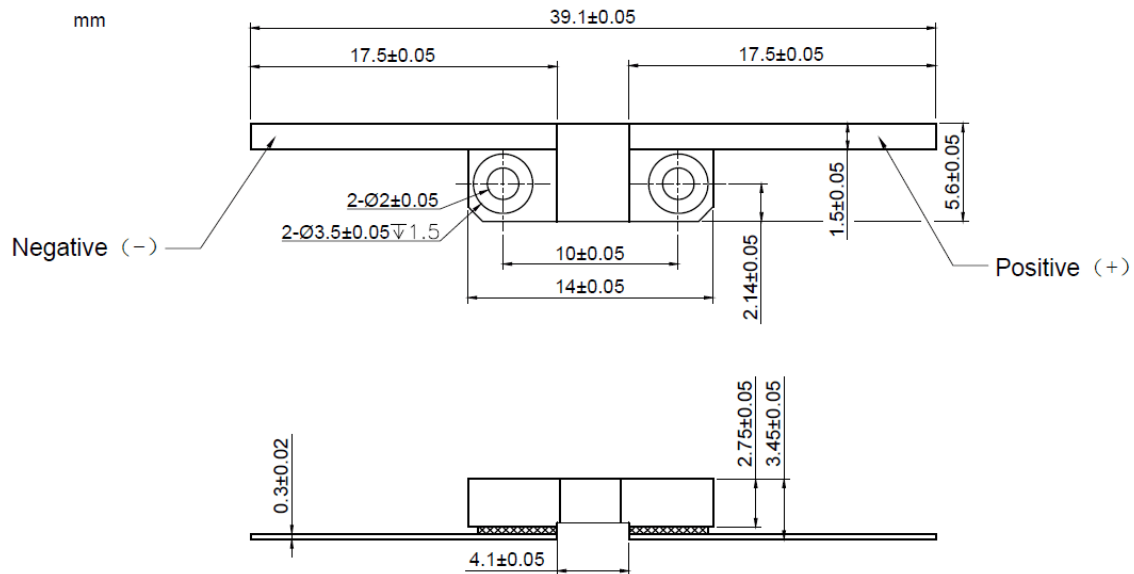


880nm 8W Laser Diode With E-mount Package | With FAC Lens Optional
870nm~880nm LD with 8W Output Power | Square Beam Optional
WSLD-880-008-E

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
Features: <ul style="list-style-type: none"> ● 880nm ● E-mount Package ● Square Beam Optional 			
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Laser Indicator ● Laser Detector 			
Specifications	WSLD-880-008-E		
	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.**