

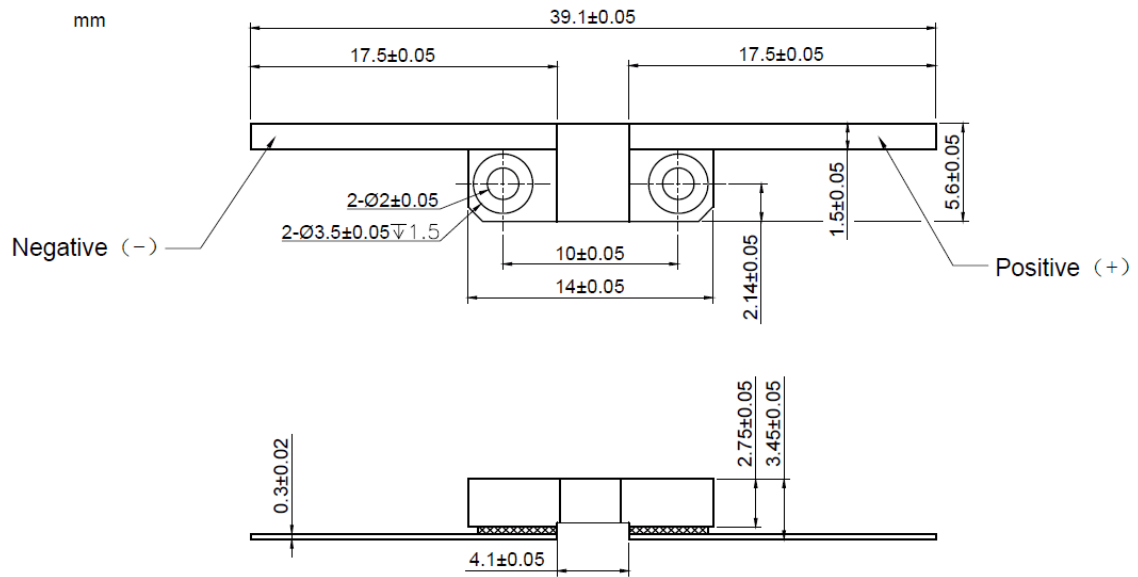
780nm~785nm 8W E-mount Laser Diode | FAC Optional | Square Beam Optional

780nm Laser Diode| High Power LD| 8W Power| E-mount Package

RWSLD-780-008-E

780nm Laser Diode		8W/E-mount	
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"> ● 780nm ● Multimode ● E-mount Package ● FAC Lens Optional 			
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Sensing ● Others 			
Specifications	RWSLD-780-008-E		
	Min	Type	Max
Center Wavelength@25°C	770nm	780nm	790nm
Spectral Width (FWHM)		2.0nm	
Output Power	----	8W	----
Emitter Area	----	200x1μm	----
Beam Divergence (FWHM)	----	35° _⊥ x 8° _{//}	----
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Slope Efficiency	----	1.2W/A	----
Threshold Current (Typ.)	----	1.5A	----
Operating Current (Typ.)	----	9.0A	----
Operating Voltage	----	2.0V	----
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.**

