

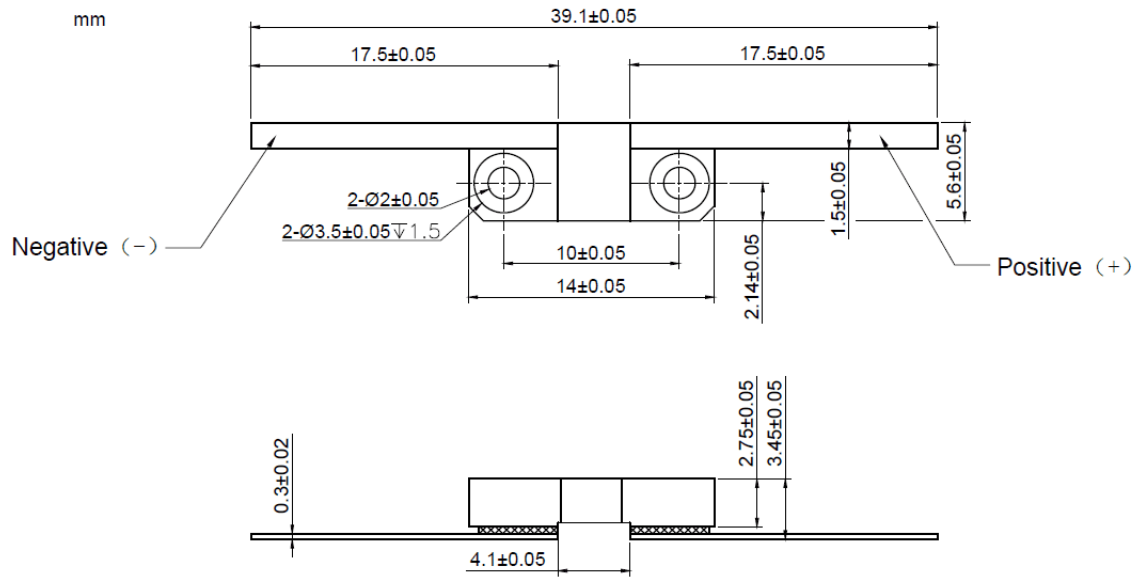
750nm~755nm~760nm 5W~6W E-mount Laser Diode | FAC Optional | Square Beam Optional

760nm Laser Diode| High Power LD| 5W Power| E-mount Package

RWSLD-760-005-E

760nm Laser Diode		5W/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
<b>Features:</b> <ul style="list-style-type: none"> <li>● 760nm</li> <li>● Multimode</li> <li>● E-mount Package</li> <li>● FAC Lens Optional</li> </ul>			
<b>Applications:</b> <ul style="list-style-type: none"> <li>● Medical Laser Treatment</li> <li>● Sensing</li> <li>● Others</li> </ul>			
Specifications	RWSLD-760-005-E		
	Min	Type	Max
Center Wavelength@25°C	740nm	760nm	770nm
Spectral Width (FWHM)		3.0nm	
Output Power	----	5W	----
Emitter Area	----	400x1μm	----
Beam Divergence (FWHM)	----	35° <sub>⊥</sub> x 8° <sub>//</sub>	----
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Slope Efficiency	----	1.2W/A	----
Threshold Current (Typ.)	----	2.5A	----
Operating Current (Typ.)	----	8.0A	----
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.**

