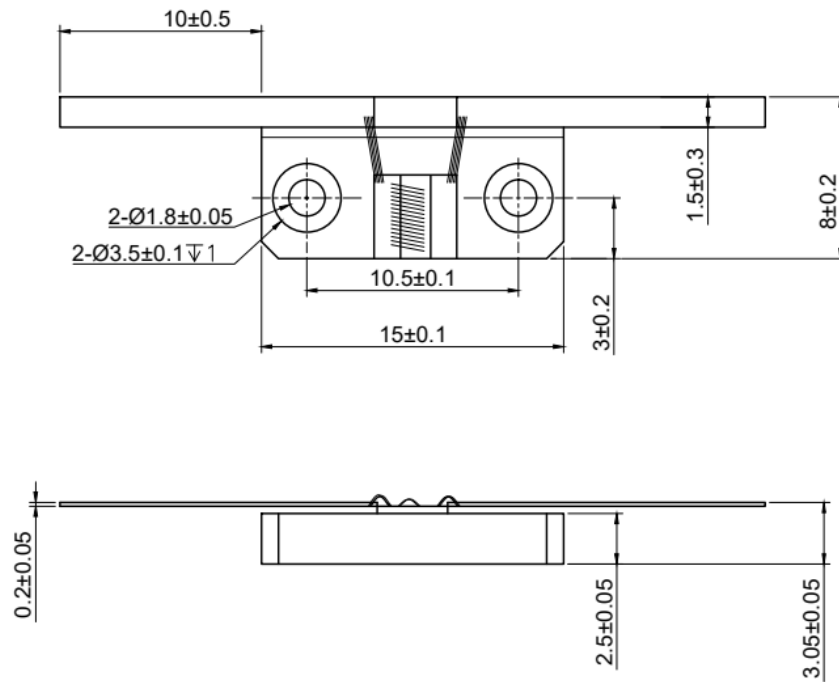


**1060nm~1064nm 10W E-mount Laser Diode | FAC Optional | Square Beam Optional**  
**1064nm Laser Diode | High Power LD | 10W Power | E-mount Package**  
**RWLD-1064-010-E**

1064nm Laser Diode		10W/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>1064nm</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>Laser Pumping</li> <li>Others</li> </ul>				
Specifications		RWLD-1064-010-E		
		Min	Type	Max
Center Wavelength@25°C		1064nm ± 20nm		
Spectral Width (FWHM)			4.0nm	
Output Power		----	10W	----
Emitter Area		----	100x1µm	----
Beam Divergence (FWHM)		----	30° <sub>⊥</sub> x 8° <sub>//</sub>	----
Slope Efficiency		----	0.95W/A	----
Threshold Current (Typ.)		----	0.5A	1.5A
Operating Current (Typ.)		----	11.5A	12.0A
Operating Voltage		----	1.8V	2.2V
Package Style		E-mount		
Recommended Operating Temperature		25°C		

**E-mount Package View**

mm



**Electrically shorten LD module and store in non-extreme conditions.  
Suggest using the constant current power supply.**

