

1060nm~1064nm 8W E-mount Laser Diode | FAC Optional | Square Beam Optional

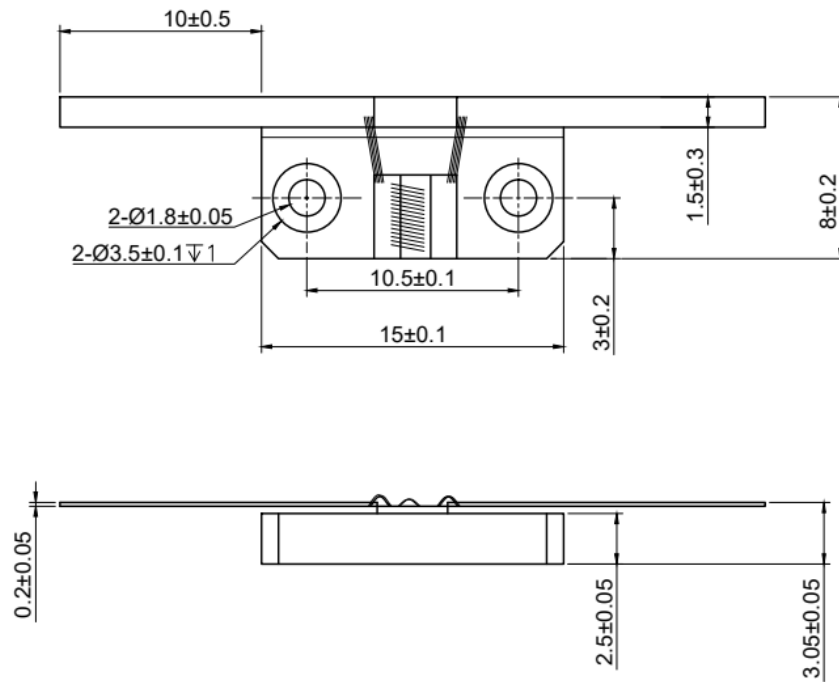
1064nm Laser Diode | High Power LD | 8W Power | E-mount Package

RWLD-1064-008-E

1064nm 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"> 1064nm Multimode E-mount Package FAC Lens Optional 				
Applications: <ul style="list-style-type: none"> Medical Laser Treatment Laser Pumping Others 				
Specifications		RWLD-1064-008-E		
		Min	Type	Max
Center Wavelength@25°C		1064nm ± 20nm		
Spectral Width (FWHM)			4.0nm	
Output Power		----	8W	----
Emitter Area		----	100x1µm	----
Beam Divergence (FWHM)		----	30° _⊥ x 8° _{//}	----
Slope Efficiency		----	0.9W/A	----
Threshold Current (Typ.)		----	0.5A	1.5A
Operating Current (Typ.)		----	10.5A	11.0A
Operating Voltage		----	1.7V	2.1V
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.**

