
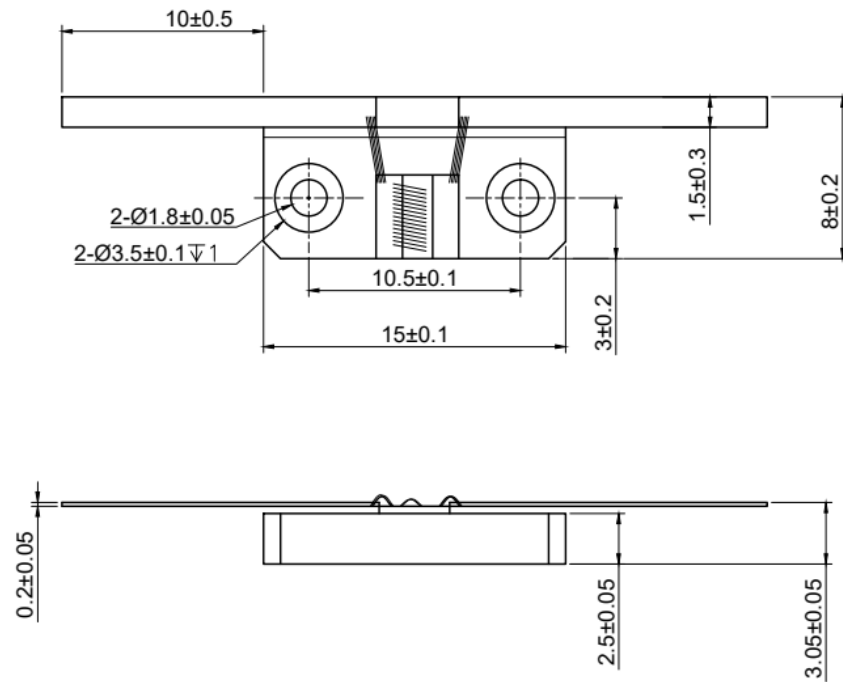


976nm 12W Laser Diode with E-mount Package | FAC Optional
976nm~980nm High Power 12W LD | Square Beam Optional
RWSLD-980-012-E

980nm Laser Diode		12W/E-mount	
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"> ● 976nm ● E-mount Package ● Square Beam Optional 			
Applications: <ul style="list-style-type: none"> ● Medical Laser Treatment ● Laser Pumping ● Other 			
Specifications	RWSLD-980-012-E		
	Min	Type	Max
Center Wavelength@25°C	976nm±15nm		
Spectral Width (FWHM)	----	4.0nm	----
Output Power	----	12W	----
Emitter Area	100x1µm		
Beam Divergence (FWHM)	----	30°± x 8°//	----
Temperature Coefficient of Wavelength	----	0.3nm / °C	----
Slope Efficiency	----	1.05W/A	----
Threshold Current (Typ.)	----	0.5A	1.5A
Operating Current (Typ.)	----	12.0A	12.5A
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.

