ER400

Eye-safeDPSS Laser

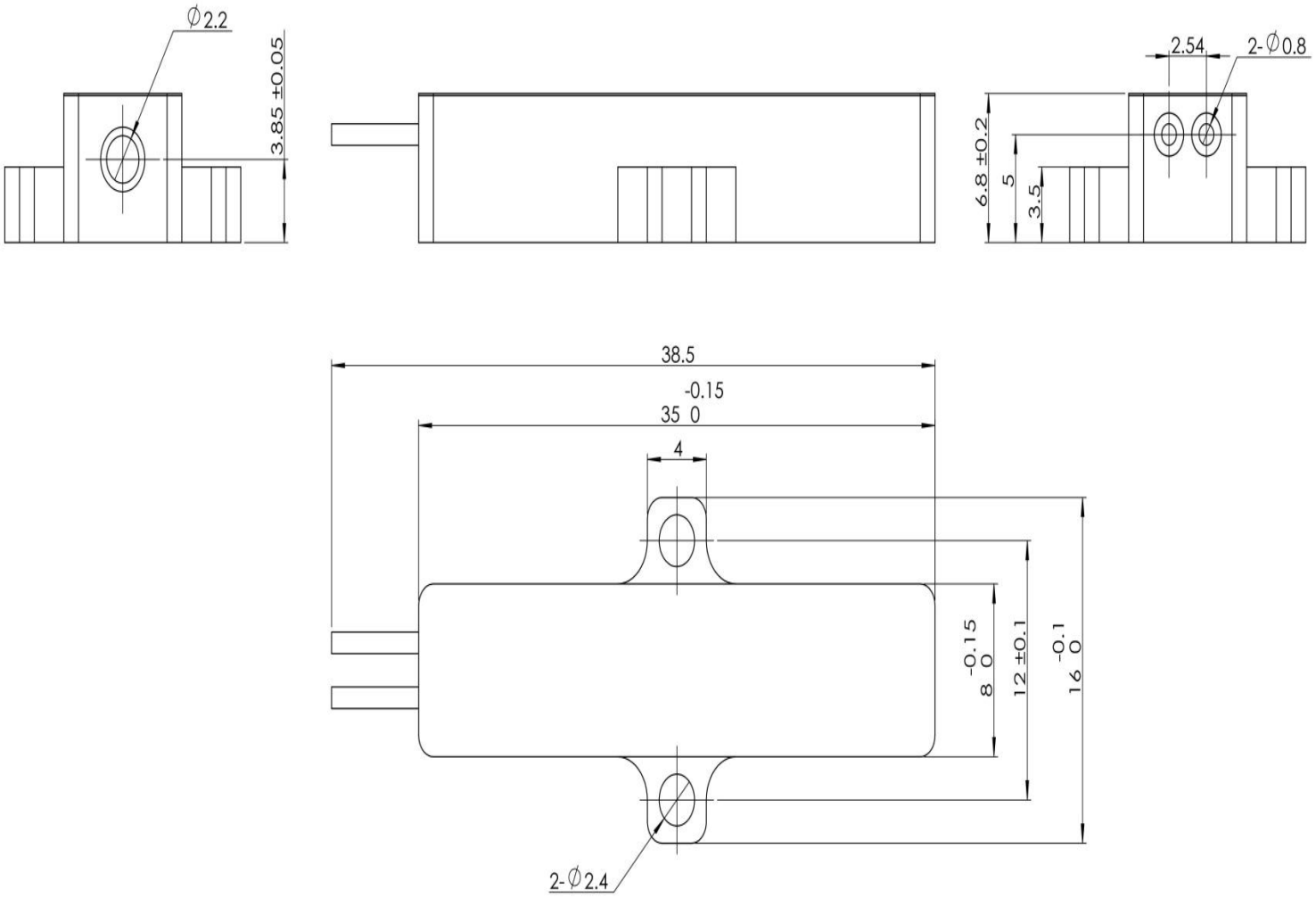
SPECIFICATIONS

ER400	
Optical	
Wavelength	1535 nm
Laser Energy	400 μJ
Laser Pulse Width(FWHM)	6 ns
Pulse Repetition Rate	10 Hz
Pulse energy stability	10 %
Raw Beam Diameter	0.3 mm
Beam Divergence	7 mrad
Laser Modes	TEM_{00}
Environmental	
Operation Temperature	-40 ℃~+65 ℃
Storage Temperature	-55 ℃~+85 ℃
Shock	1500 G, 0.5 ms
Vibration	20~2000 Hz/20 G
Lifetime	＞1million shots
Mechanical	
Laser Head Size	35×8×6.8mm^3
Laser Head Weight	12 g
Driver	
Voltage	2 V
Current	15A
Driver Pulse Width	＜2.4 ms





MECHANICAL


Ø2.2
3.85 ±0.05
2.54
2-Ø0.8
6.8 ±0.2
5
3.5
38.5
-0.15
35 0
4
-0.15
8 0
12 ±0.1
-0.1
16 0
2-Ø2.4