

DPS-1535-P/40-400uJ

SPECIFICATIONS

**HIGH ENERGY DIODE
PUMPED ALL-SOLID-STATE
Q-SWITCHED LASER**

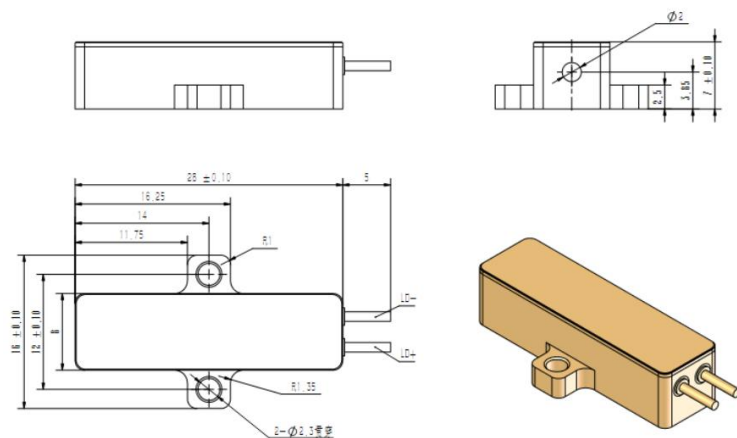
High energy diode pumped all solid state Q-switched laser at 1535nm has the features of compact structure, short pulse duration, and high peak power, which is widely used in lidar, laser ranging, optical communication, target indication and so on.



	DPS-1535-P-I	DPS-1535-P-II	DPS-1535-P-III
Wavelength (nm)	1535±5		
Operating mode	Passively		
Single pulse energy (uJ) ¹	400	500	40
Pulse duration (ns)	3-6		
Rep. rate	1-10Hz (optional)		1000Hz
Energy stability (rms)	≤5%		
M ²	≤1.3		≤1.5
Beam diameter (mm)	~1		
Beam divergence, full angle (mrad)	≤15		
Warm-up time (seconds)	<10		
Beam height from base plate (mm)	3.85		
Cooled method	Conduction		
Operating temperature (°C)	-20~60		
Power supply (5VDC)	PSU-DPS-P		
Expected lifetime (pulses)	>10 ⁷		

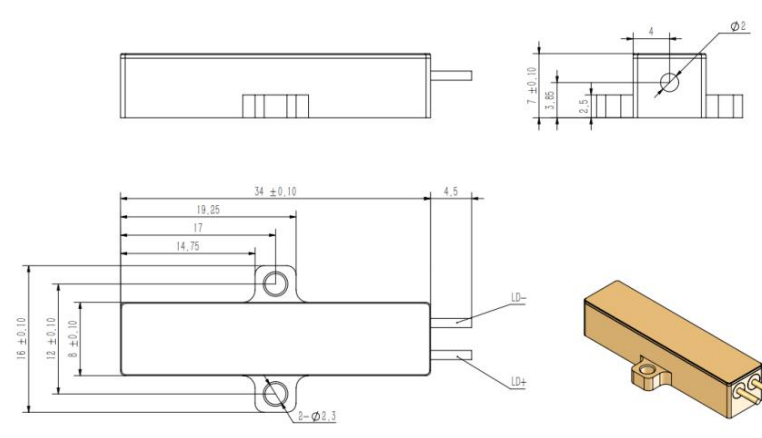


LASER HEAD(DPS-1535-P-I)



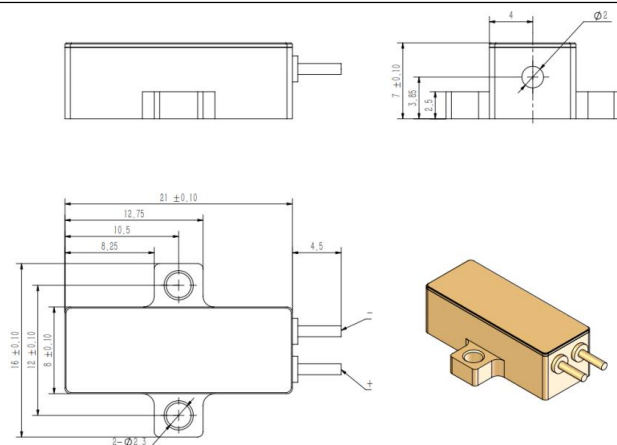
28 (L) × 16 (W) × 7 (H) mm³, 11g

LASER HEAD(DPS-1535-P-II)



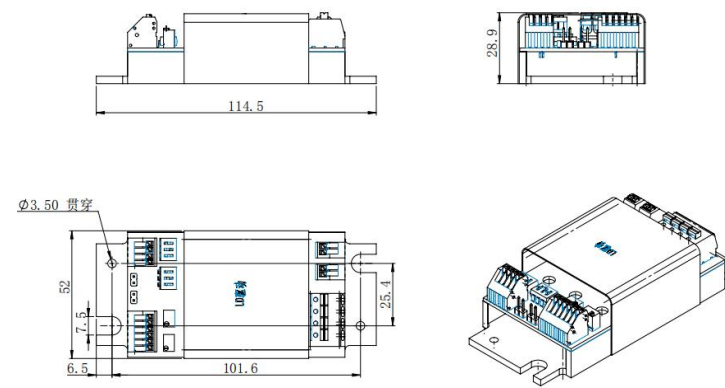
34 (L) × 16 (W) × 7 (H) mm³, 13g

LASER HEAD(DPS-1535-P-III)



21 (L) × 16(W) × 7(H) mm³, <10g

DRIVER (PSU-DPS-P)



114.5(L) × 52(W) × 28.9(H) mm³ 0.2kg

1 Fixed output energy; other energy below 400uJ can be customized.