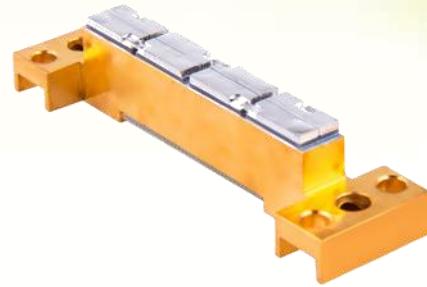


# 808nm Horizontal Stack ( Continuous )

## Introduction

Horizontal array, which can achieve continuous or quasi-continuous high power output, is widely applied in laser pumping, cutting and medical, etc.

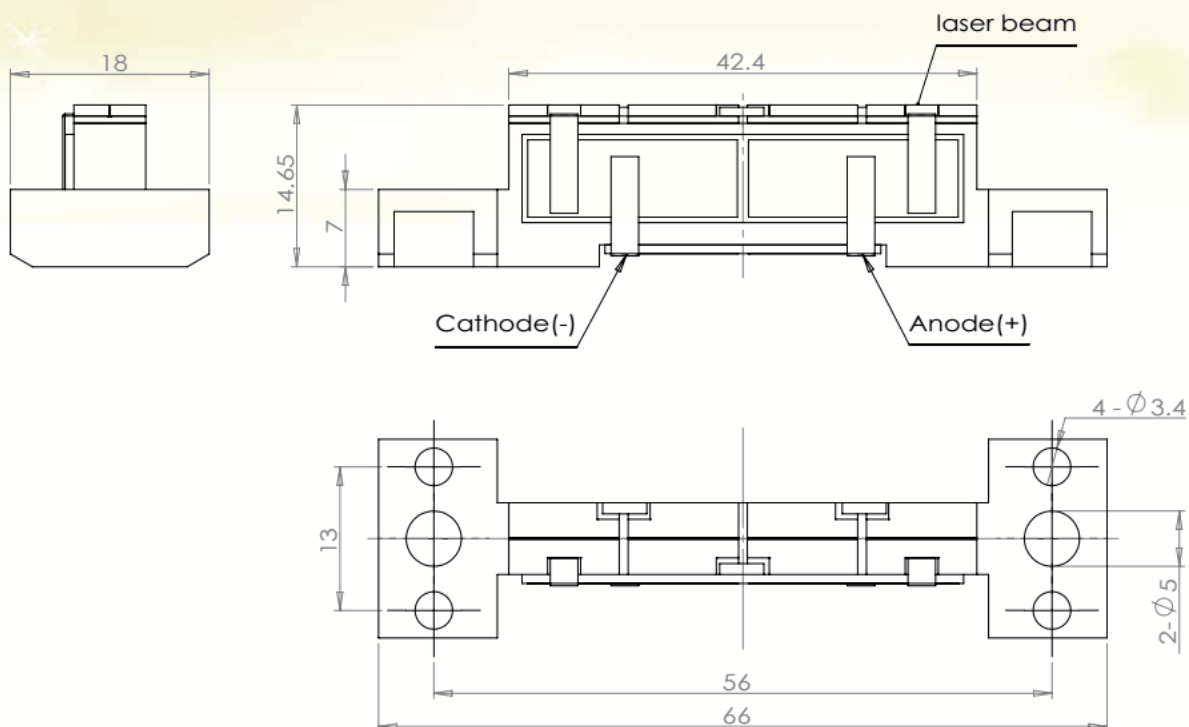


## Parameter s (25°C)

Horizontal Stack (Continuous)				
Parameter		Unit	LDAC3-0808-****	
Optical Parameter	Operation Model	-	CW	
	Center Wavelength	nm	808 ± 5	
	Output Power/Bar	W	20	30
	Bar Qty.	bar	3/4/5/6/9	3/4/6/9
	Bar Space	mm		
	Spectral Width	nm	< 5	< 5
	Wavelength & Temperature Ratio	nm/°C	0.28	0.28
	Fast Axis Divergence	deg	< 35	< 35
	Slow Axis Divergence	deg	< 10	< 10
Electrical Parameter	Threshold Current	A	< 5	< 8
	Operating Current	A	< 25	< 35
	Operating Voltage/Bar	V	< 2.0	< 2.0
Thermal Parameter	Operating Temperature	°C	15 ~ 35	
	Storage Temperature	°C	-10 ~ 60	



## Package Information



## Notice

1. Item model notice: LDAQ2( item model)-8080(center wavelength)-\*\*\*\*(output power)
2. Package data is only for reference, which can be customized as client's design drawing.
3. Please make sure laser diode is operated within  $15-35^{\circ}\text{C}$ , as higher temperature will cause increased threshold current, lower exchange rate and accelerate the aging.
4. Please take measure to avoid of condensation, which will cause aging of laser diode.
5. For more information, please contact Hi-Tech Optoelectronics Co., Ltd.

