

# 808nm Horizontal Stack ( Hard Solder Package )

## Introduction

Hard solder package array, which can achieve high power output, is widely applied in laser pumping, cutting and medical, etc.

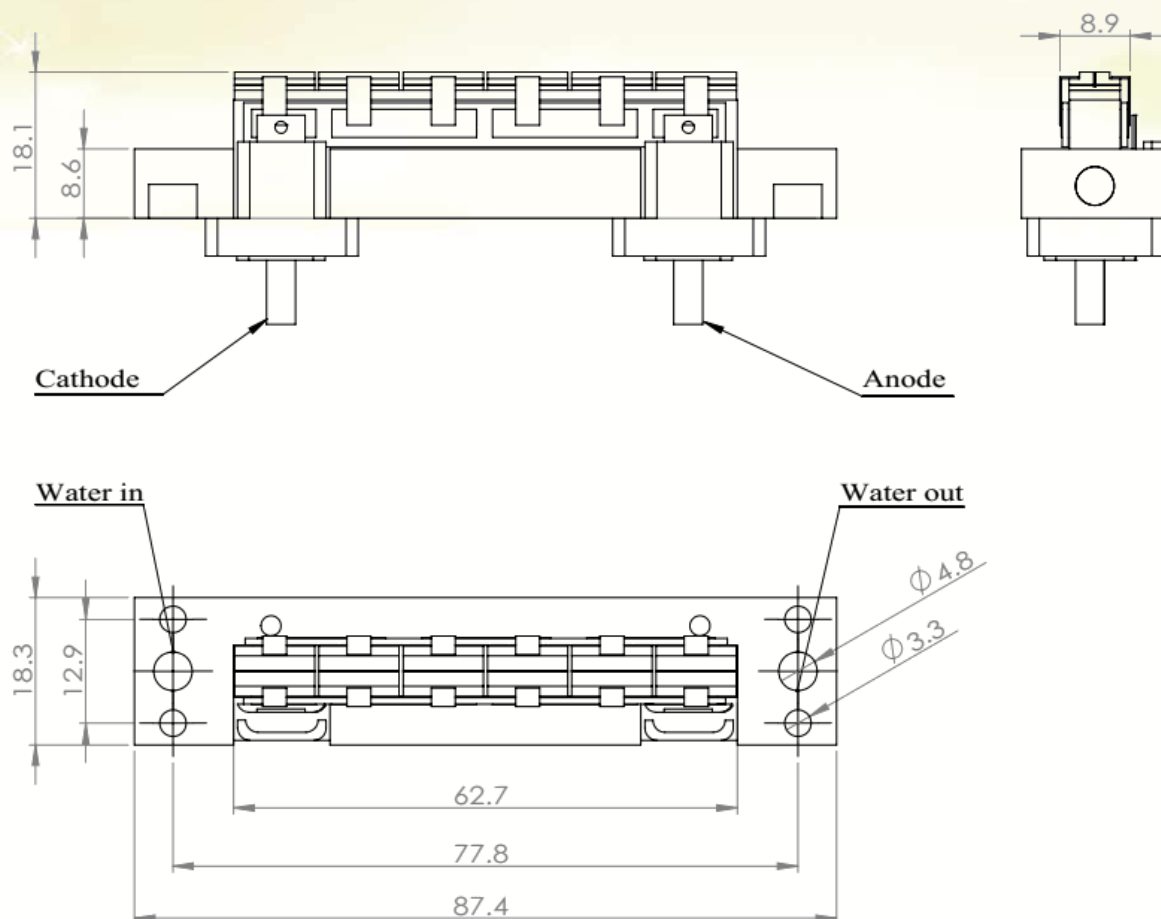


## Parameters (25°C)

Horizontal Stack ( Hard solder Package )			
Parameter		Unit	LDAQ3-0808-****
Optical Parameter	Operation Model	-	QCW
	Center Wavelength	nm	808 ± 5
	Output Power/Bar	W	150
	Bar Qty.	bar	3 ~ 9
	Bar Space	mm	
	Spectral Width	nm	< 5
	Wavelength & Temperature Ratio	nm/°C	0.28
	Fast Axis Divergence	deg	< 35
	Slow Axis Divergence	deg	< 10
	Duty Ratio	%	≤ 3
Electrical Parameter	Threshold Current	A	< 25
	Operating Current	A	< 170
	Operating Voltage/Bar	V	< 2.2
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°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.

