

# 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 <b>/</b> ℃	0.28	0.28
	Fast Axis Divergence	deg	< 35	< 35
	Slow Axis Divergence	deg	< 10	< 10
Electrical Parameter	Threshold Current	А	< 5	< 8
	Operating Current	А	< 25	< 35
	Operating Voltage/Bar	V	< 2.0	< 2.0
Thermal Parameter	Operating Temperature	°C	15 ~ 35	
	Storage Temperature	°C	-10 ~ 60	



Add: Shahe Industrial Park, Changping District, Beijing, China Tel: +86-10-6076 9887 Web: www.htoe.com.cn

Fax: +86-10-6076 9887-699 Email: sales@htoe.com.cn





## 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.



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