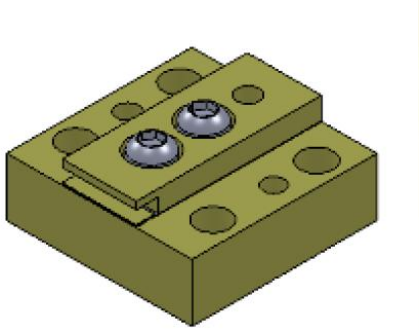
中国节能 海特光电有限责任公司 Hi-Tech Optoelectronics Co.,Ltd.

808nm Conduction Cooled Single Bar（CW）

Introduction

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



Tech Parameters（25℃）

Conduction-cooled Single Bar（Continuous）				
Parameter		Unit	LDAC1-0808-020W	LDAC1-0808-040W
Optical Parameter	Operation Model	-	CW	
	Center Wavelength	nm	808 ±5	
	Output Power	W	20	40
	Spectral Width	nm	< 5	< 3
	Lighting Unit Qty.	pc	10	19
	Wavelength& Temperature Ratio	nm/℃	0.28	0.28
	Emitting Area width	mm	5	10
	Fast Axis Divergence	deg	< 35	< 35
	Slow Axis Divergence	deg	< 10	<10
Electrical Parameter	Threshold Current	A	< 5	< 8
	Operating Current	A	< 25	< 46
	Operating Voltage	V	< 2.0	< 2.0
Thermal Parameter	Operating Temperature	℃	15 ~ 35	
	Storage Temperature	℃	-10 ~ 60	

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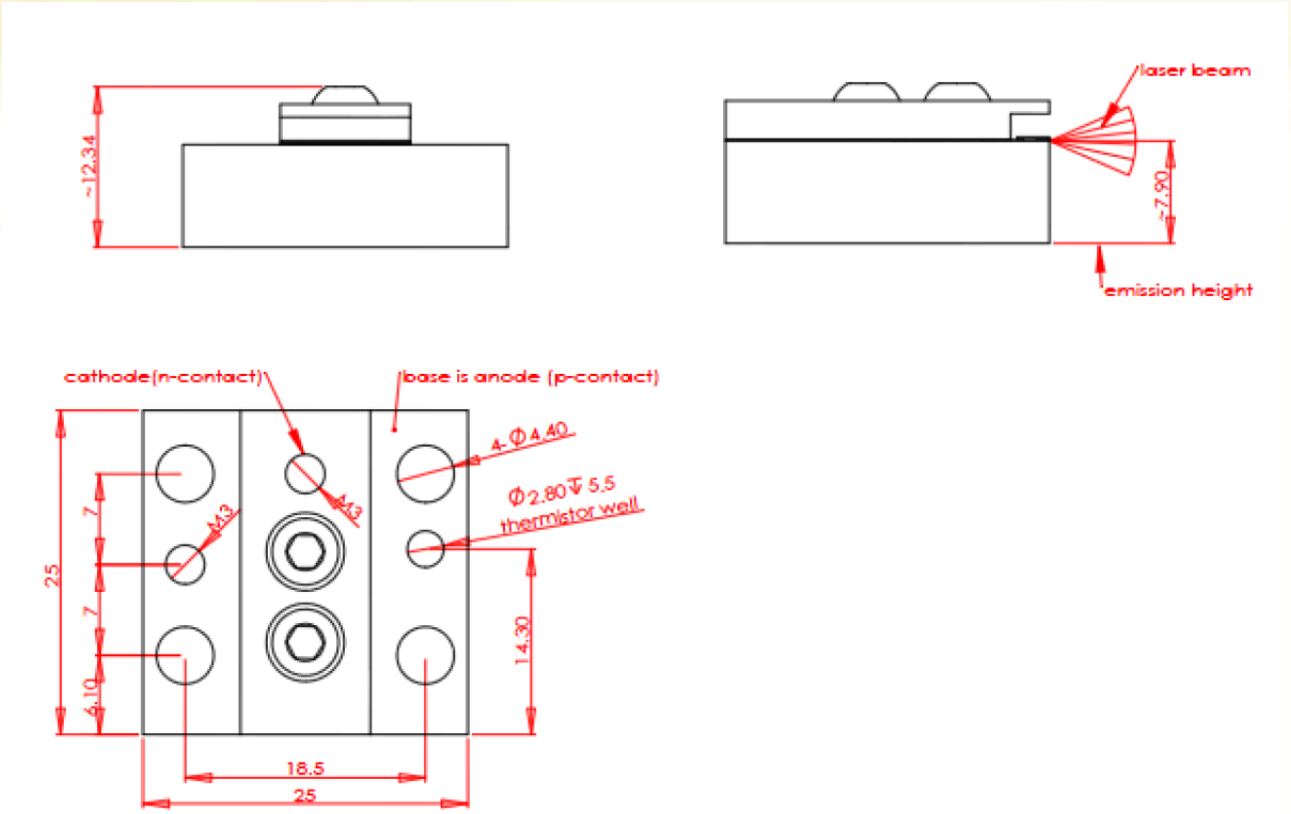
Package Information



Notice

1. Item model notice: LDAC1(item model)-0808(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℃, 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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