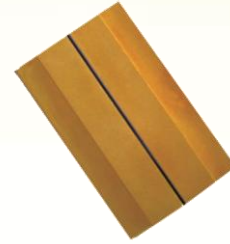


808nm Golden Bullet Serial Stack (Continuous)

Introduction

808nm golden bullet serial array,, which can achieve continuous or quasi-continuous high power output, is widely applied in laser pumping, cutting and medical,etc.

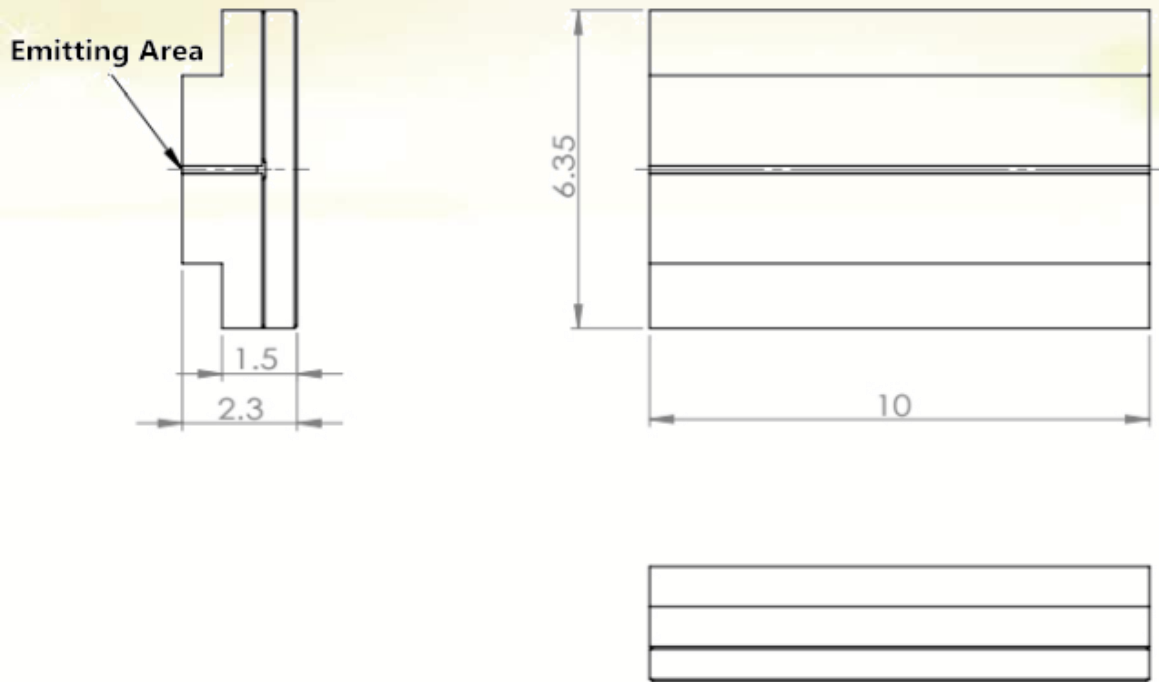


Parameters (25°C)

Hard Solder Package Golden Bullet (Continuous)			
Parameter		Unit	LDAC1-0808-020W
Optical Parameter	Operation Model	-	CW
	Center Wavelength	nm	808 ± 5
	Output Power	W	40
	Spectral Width	nm	< 3
	Emitting Unit Qty.	pc	19
	Wavelength& Temperature Ratio	nm/°C	0.28
	Fast Axis Divergence	deg	< 35
	Slow Axis Divergence	deg	< 10
Electrical Parameter	Threshold Current	A	< 8
	Operating Current	A	< 46
	Operating Voltage	V	< 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°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.

