

450nm/60W Fiber Coupled Laser Module

LY4560-A Datasheets

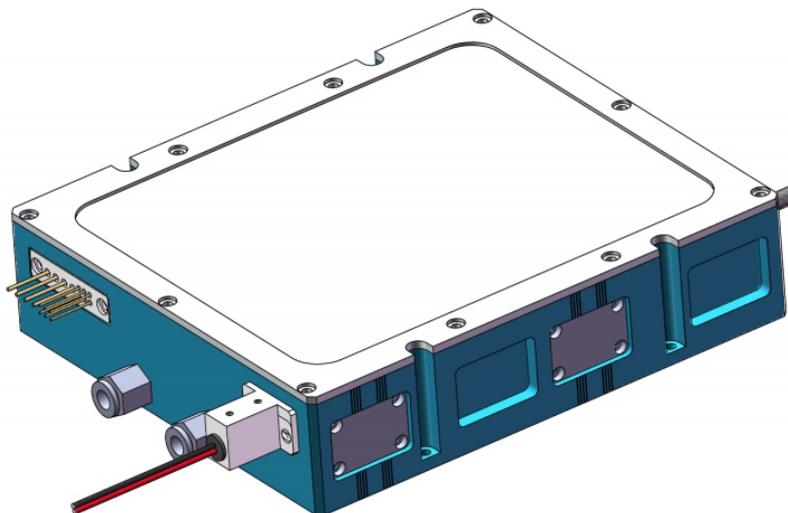
Features:

- Multiple diodes coupling
- High Power output
- High stability
- 0.12NA

Application:

- Laser welding
- Laser Cladding
- 3D printing

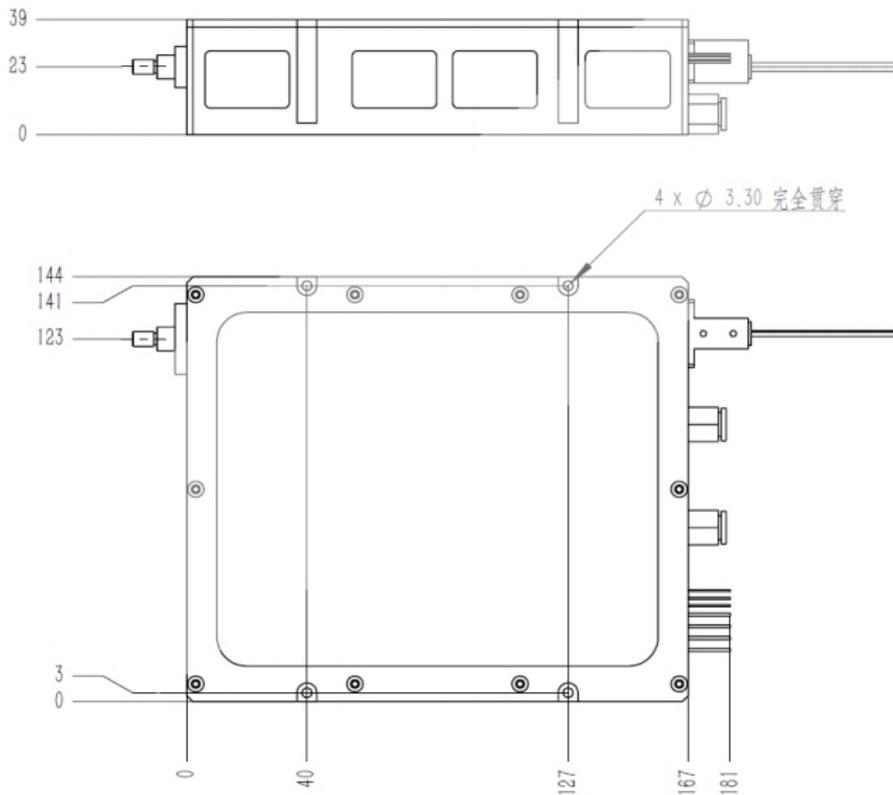
Appearance



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Dimension:



Pin-out Assignment

Pin	Function	Pin	Function
1	LD+	1	Temp 温度 1+
2	LD-	2	Temp 温度 1-
3	LD+	3	Temp 温度 2+
4	LD-	4	Temp 温度 2-
		5	PD+
		6	PD-

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技术指标/Specifications

		Minimum	Typical	Maximum
输出功率 Power	W		60	
中心波长 Wavelength	nm	435	450	460
光纤数值孔径 Fiber NA			0.22	
光纤芯径 Fiber Core Dia	μm		50	
激光 NA (95) Laser NA			0.12	
光纤长度 Fiber Length	m		5m	
工作电压 Working Voltage	V		34*2 路 Path	
工作电流 Working Current	A		3.5*2 路 Path	
工作温度 Working Temp	°C	15		35
存储温度 Storage Temp	°C	-20		50
冷却方式 Cooling Method			传导 Conducting	
光纤接口 Fiber Interface			SMA905/QCS	

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BU-LASER's special reminder: Please pay attention to electrostatic protection during transportation and use of laser products, and please do not exceed the maximum value in the application, so as to avoid the rapid aging of the laser.

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The laser will cause direct or indirect damage to the human body, especially the eyes. If you need to observe the laser, please use an ultraviolet camera to observe it.