

# 808nm 5W Assembly

## Introduction

This item has coupled laser of laser diode to achieve beam output, which can be adopted in laser illumination, medical and science research, etc.

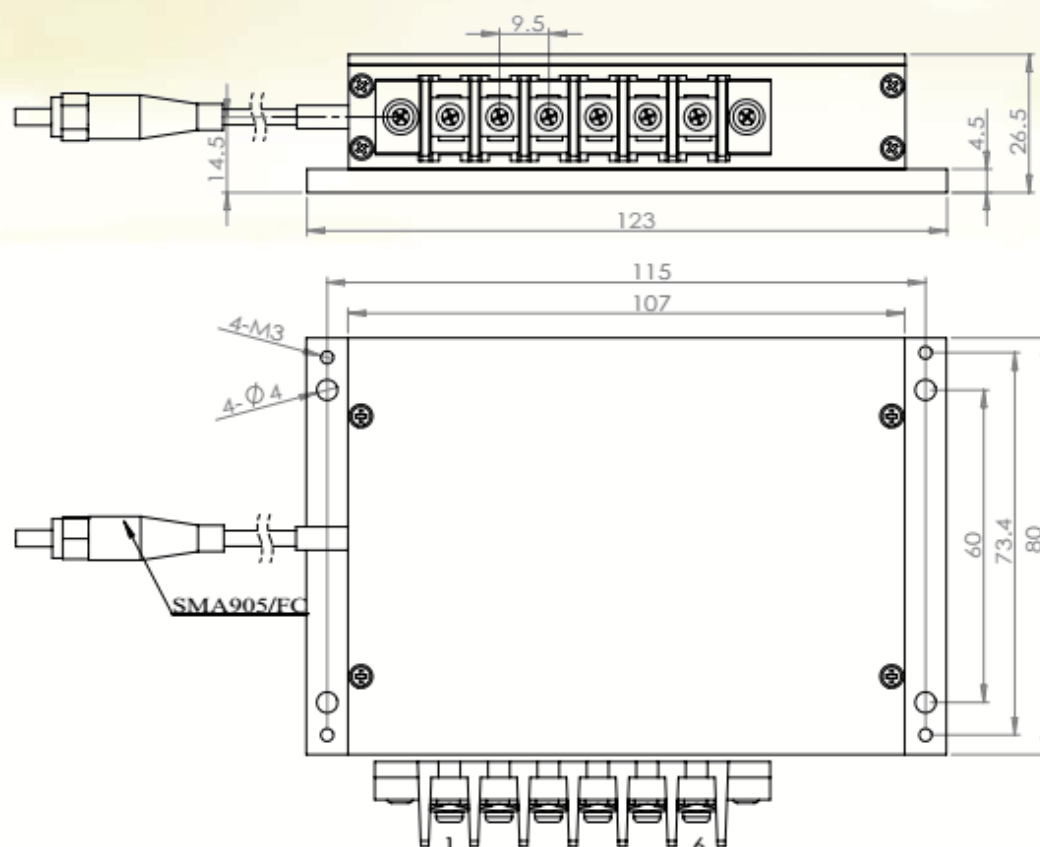


## Parameters (20℃)

808nm 5W Assembly			
Parameter		Unit	FLMM-0808-8*1-005W
Optical Parameter	Output Power	W	5
	Center Wavelength	nm	808±10
	Spectral Width(FWHM)	nm	< 5
	Wavelength Shift with Coefficient	nm/℃	0.30
Electrical Parameter	Slope Efficiency	W/A	>5.00
	Threshold Current	A	≤0.30
	Operating Current	A	≤1.20
	Operating Voltage	V	<14.00
Fiber Parameter	Fiber Core Diameter	μm	375
	Numerical Aperture	-	0.22
	Fiber Length	m	1
	Connector	-	FC/SMA-905
	Operating Temperature	℃	15 ~ 25
	Storage Temperature	℃	-10 ~ 60
Package	P2A/P2B-Package		



## Package Information

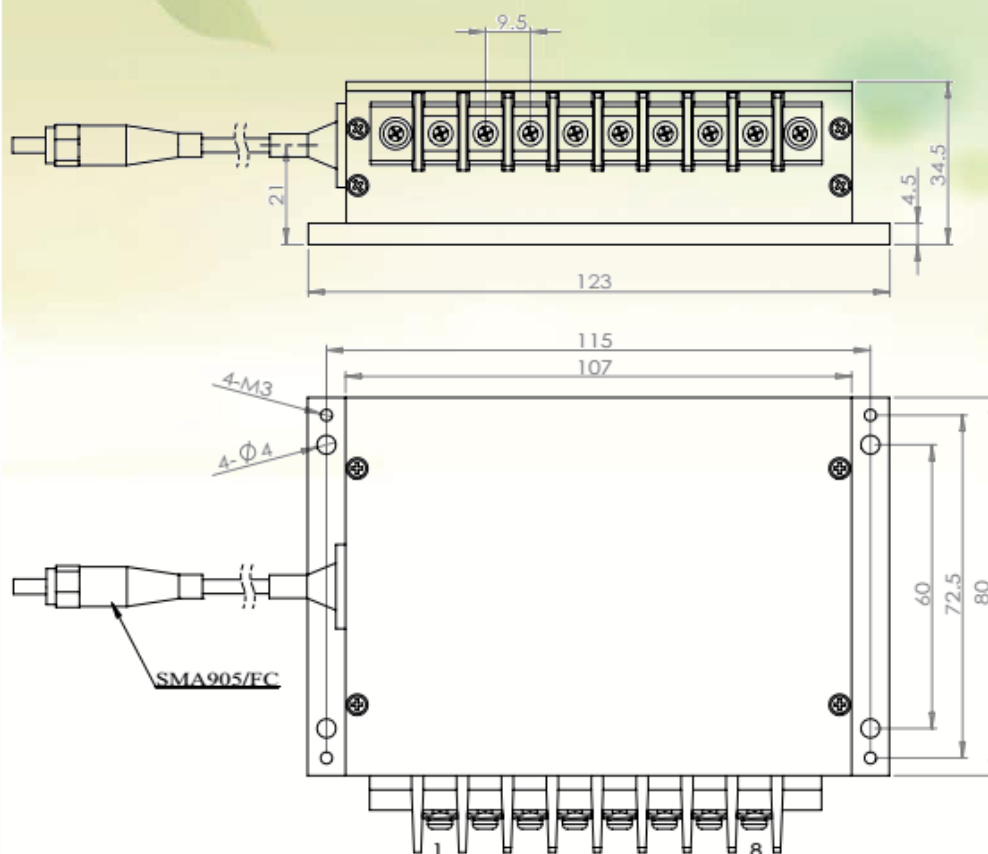


PIN	1	2	3	4	5	6
Function	LD(+)	LD(-)	Aiming LD(+)	Aiming LD(-)	Thermistor	Thermistor

P2A-Package

P2A-Package





PIN	1	2	3	4	5	6	7	8
Function	LD(+)	LD(-)	Aiming LD(+)	Aiming LD(-)	TEC(+)	TEC(-)	Thermistor	Thermistor

P2B-Package

## Notice

1. Item notice: FLMM(Item)--\*\*\*( wavelength )--\*\*\*( Package connector coolant )--\*\*\*( optical output power ).
2. Customized service includes Wavelength, output power, connector and fiber parameters.
3. More information, please contact Hi-Tech Optoelectronics Co., Ltd.



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