

# Test Report

Product Name:	1064nm DFB Laser	Test By:	03
P/N:	BFLD-1064-2HPM-FA	Test Date:	2025/4/2

Temperature: 25°C (20~30°C)

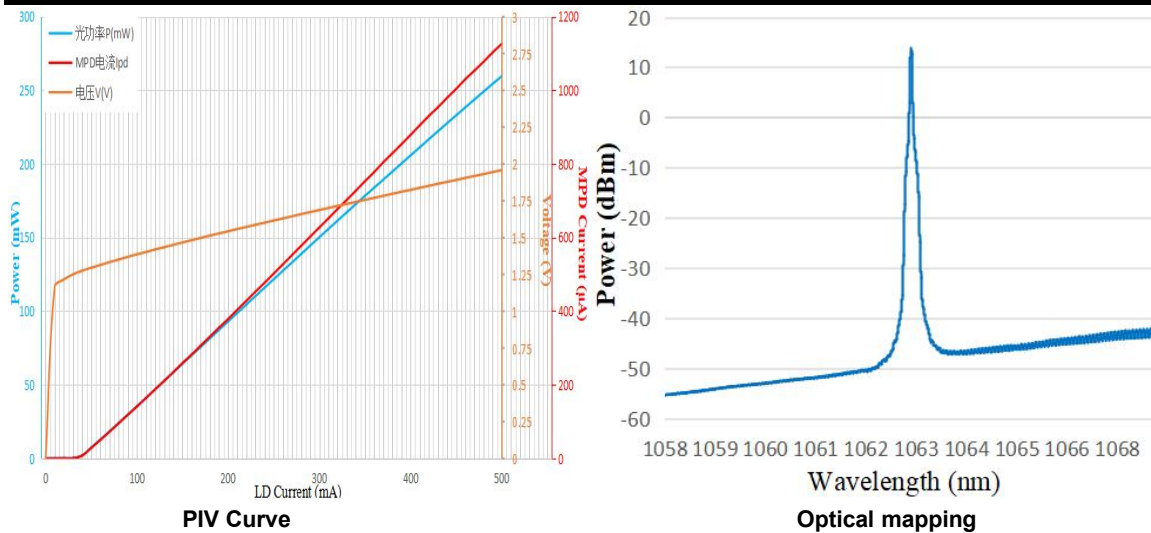
Wavelength range: 1064 ± 2nm

Output power range: ≥200mW

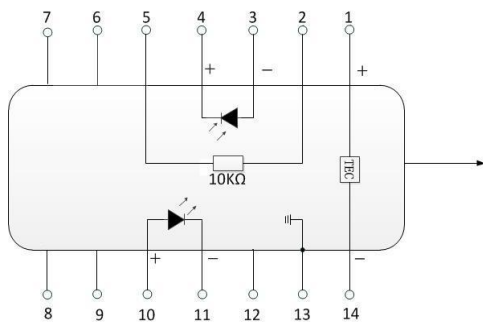
Operating current < 500mA

Pigtail type: PM980 fiber; FC/APC connector

S/N	TX							
	Center wavelength	Operating current	Threshold current	Bias voltage	Monitor PD current	SMSR	Extinction ratio	Thermistor resistance
	$\lambda_p$ (nm)	$I_o$ (mA)	$I_{TH}$ (mA)	$V_f$ (V)	$I_m$ ( $\mu$ A)	SMSR(dB)	PER(dB)	R(kOhm)
2503190002	1063.33	398.00	37.62	1.82	878.94	52.17	23.20	10.01



## PIN Definition:



1	TEC(+)	14	TEC(-)
2	Thermistor	13	Case Ground
3	PD Monitor Anode (-)	12	NC
4	PD Monitor cathode(+)	11	Laser Cathode (-)
5	Thermistor	10	Laser Anode (+)
6	NC	9	NC
7	NC	8	NC

## Attention notes

1. The electric sensitive element, please obey the static sensitive element protection
2. Pins is easy to break, please don't bend it for big angle.
3. The fiber is easy to break, when bend the fiber, the radius must is up to 20mm;
4. Ensure the plane of fiber connection is clean, which will influence the function of module.