* 30mW TC = 25°C

Optical output power (continuous wave): 30mW (TC = 25°C)

* 520nm

Typical emission wavelength: 520nm

*

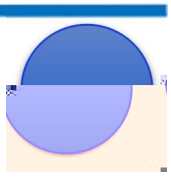
E

目录

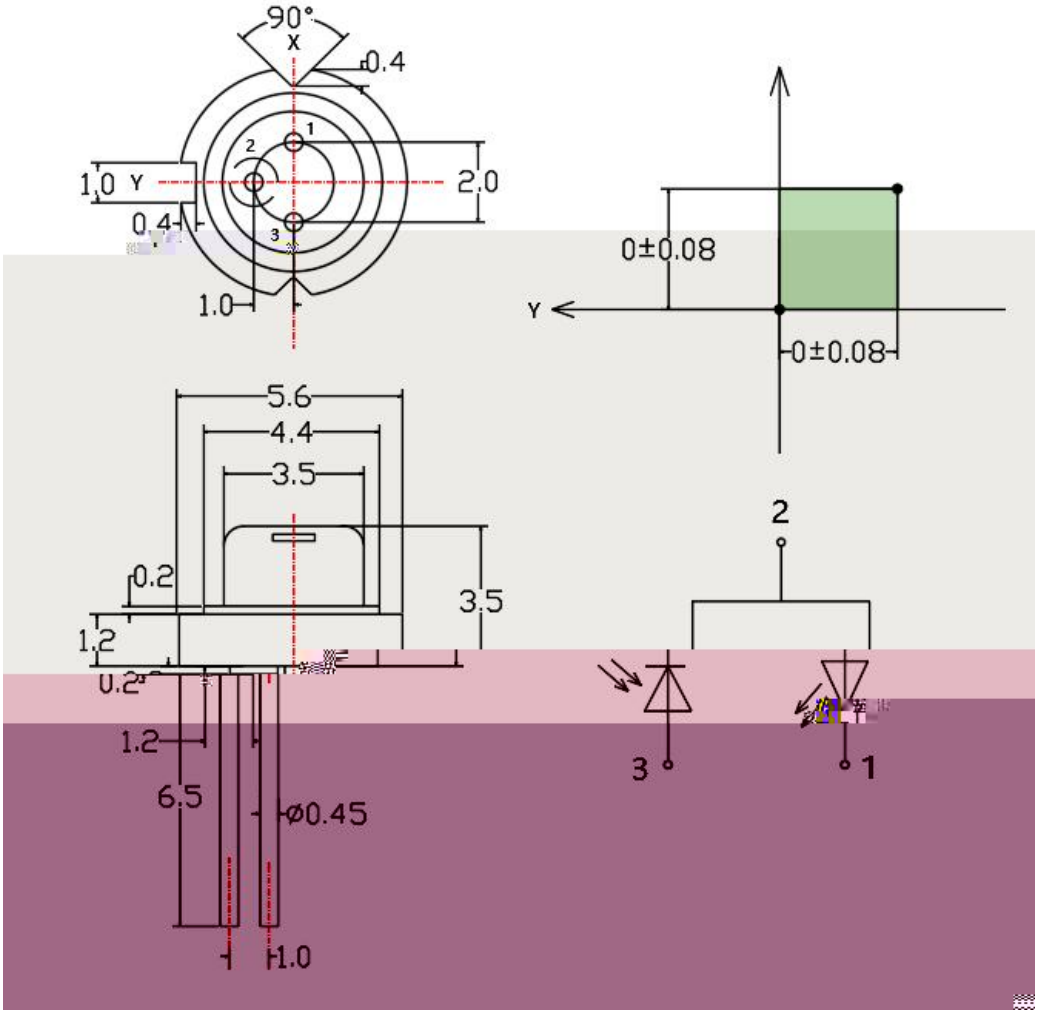
Absolute Maximum Ratings Ta=25

parameter	symbol			unit
power	Po		30	mW
backward voltage	VR	LD	2	V
		PD	30	
working temperature	TOP		-20 60	
Storage Temperature	Tstg		-40 85	
Welding conditions	Tsol		reflow soldering	240 Ì m‘ r

0 e



外形尺寸


90°
X
0.4
1
2
1.0
Y
2.0
0.4
3
1.0
0±0.08
Y
0±0.08
5.6
4.4
3.5
0.2
3.5
1.2
0.2
1.2
6.5
ø0.45
1.0
2
3
1

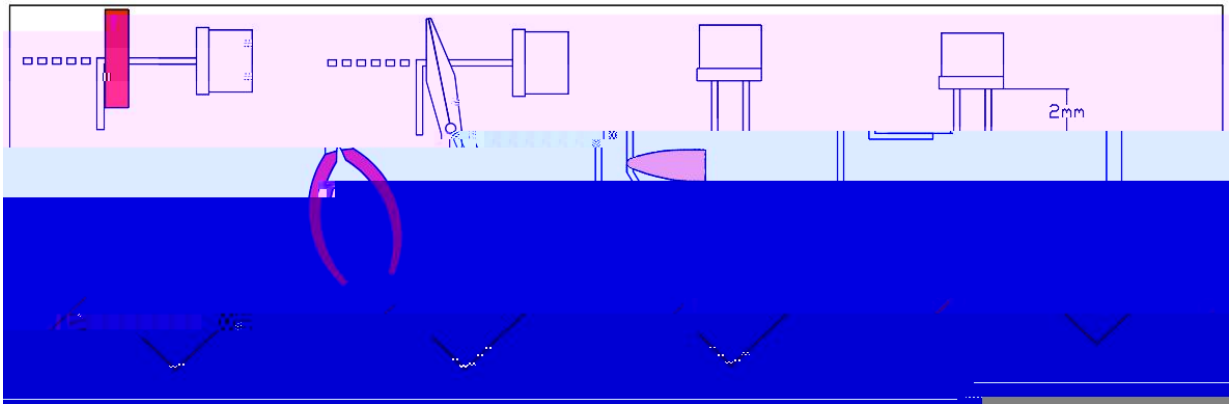
使用注意事项

1 2

It must be 2 mm from the colloid to bend the bracket.

2 PCB

Welding must be performed at normal temperatures. Once the laser diode has been properly mounted onto the PCB, avoid applying mechanical pressure to its pins whenever possible.



“ ” HBM <800V 3

250V-500V <100V

Plastic-coated laser diodes do not have a fixed "protection voltage" value; their electrostatic sensitivity typically ranges from <800 V on the HBM human model (Grade 3 sensitivity), with actual tolerance usually limited to 250–500 V. Protection measures must be implemented according to the <100 V operating standard.

During laser operation, avoid exposure of the eyes and skin to laser radiation.

If there are any modifications to the specification sheet, no further notice will be given.