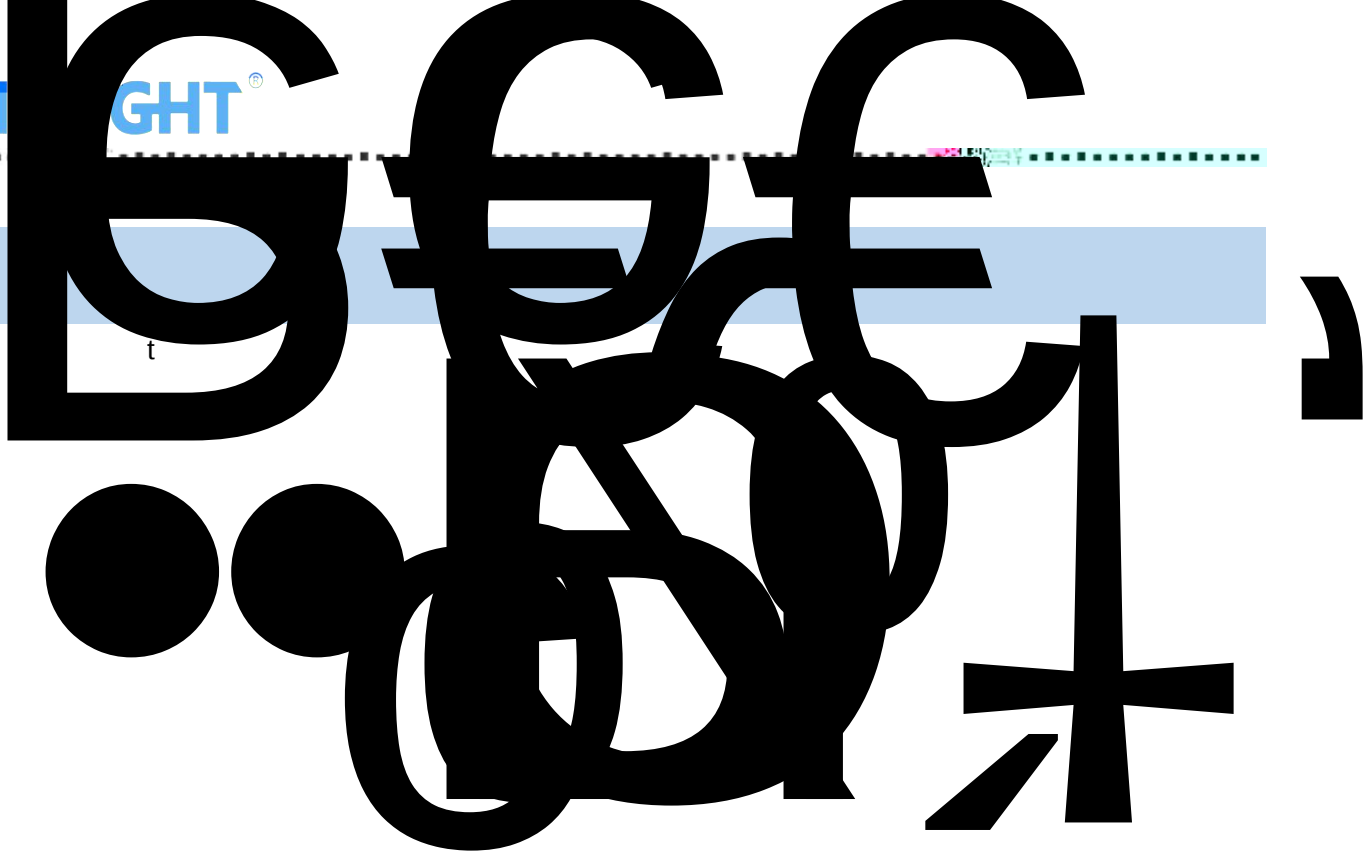


- * $P_{out} = 30mW$ TC = 25°C
- Optical output power (continuous wave): 30mW (TC = 25°C)
- * $\lambda = 520nm$
- Typical emission wavelength: 520nm
- * $\theta = 120^\circ$
- E

目录

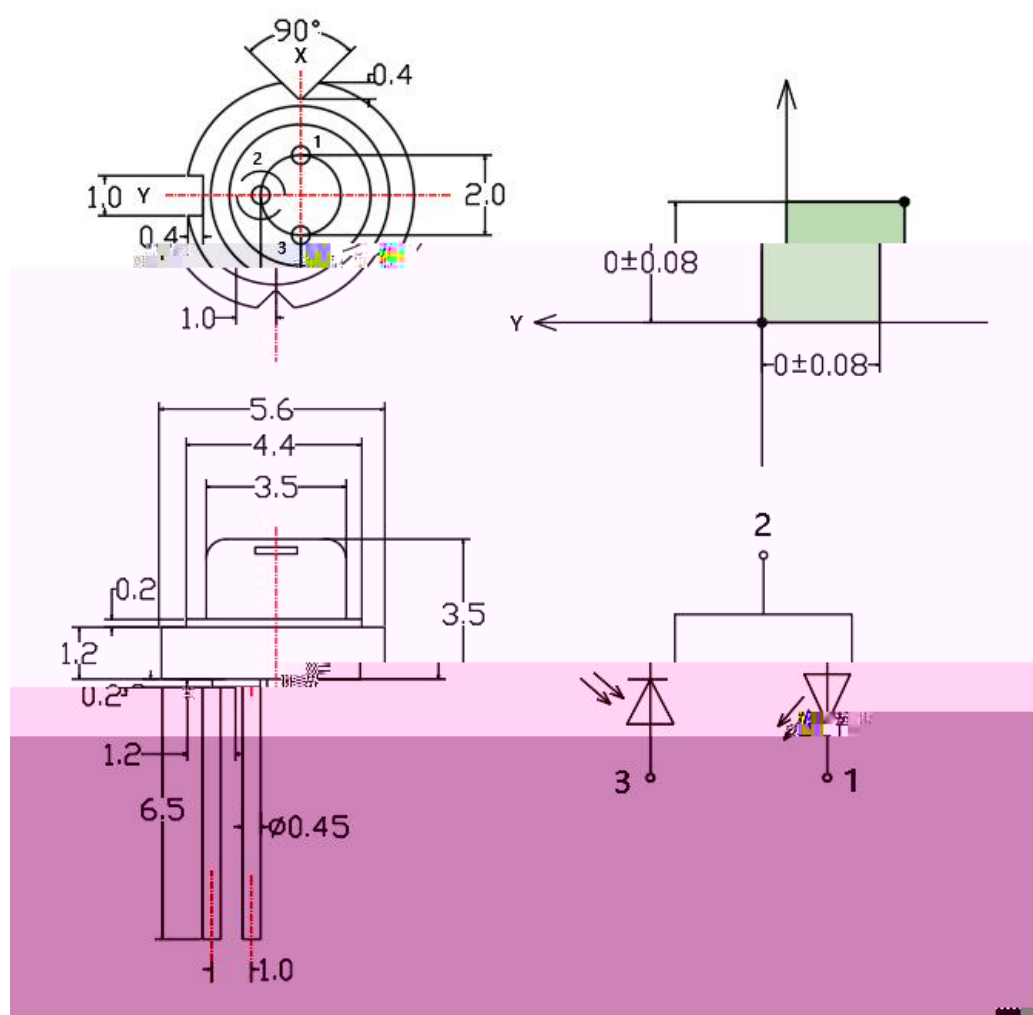
Absolute Maximum Ratings Ta=25

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





外形尺寸



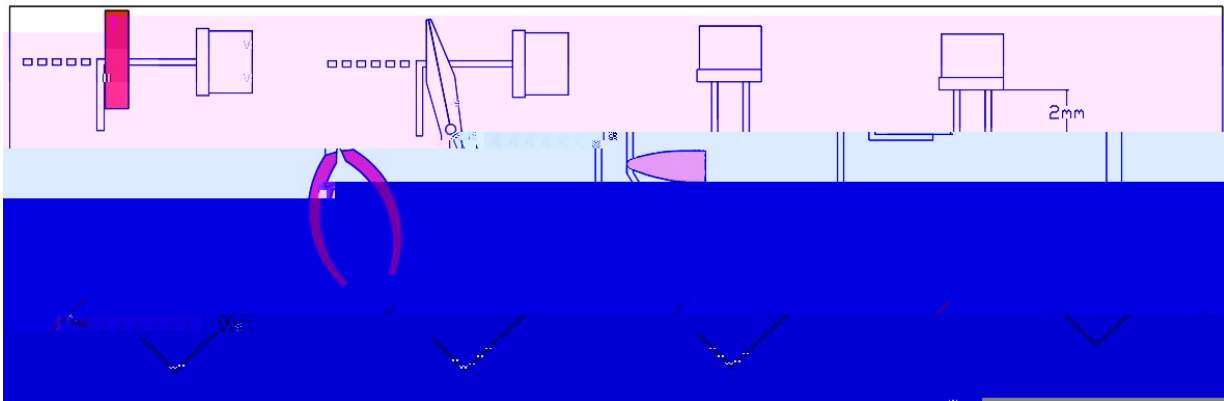
使用注意事项

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.



250V-500V “ ” HBM <800V 3
<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.