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* 15mW TC = 25°C

Optical output power (continuous wave): 15mW (TC = 25°C)

* 520nm

Typical emission wavelength: 520nm

* TO-56

Metal TO-56 packaging

*

E cient radiation source for cw and pulsed operation

*

Single mode semiconductor laser

*

High modulation bandwidth

* MSL :2

Moisture sensitivity level MSL : 2levels

* ROHS

Environmental protection products meet ROHS requirements

ẓ ∀ ؆ ð Dss0lfdwlrqv

* LiDAR/Tof

Lidar (LiDAR/Tof) and Range Measurement

*

Industrial Detection and Safety Sensing

*

Medical and Biophotonics

*

Military and National Defense

*

Research and Quantum Technology

*

Consumer Electronics and Security Systems

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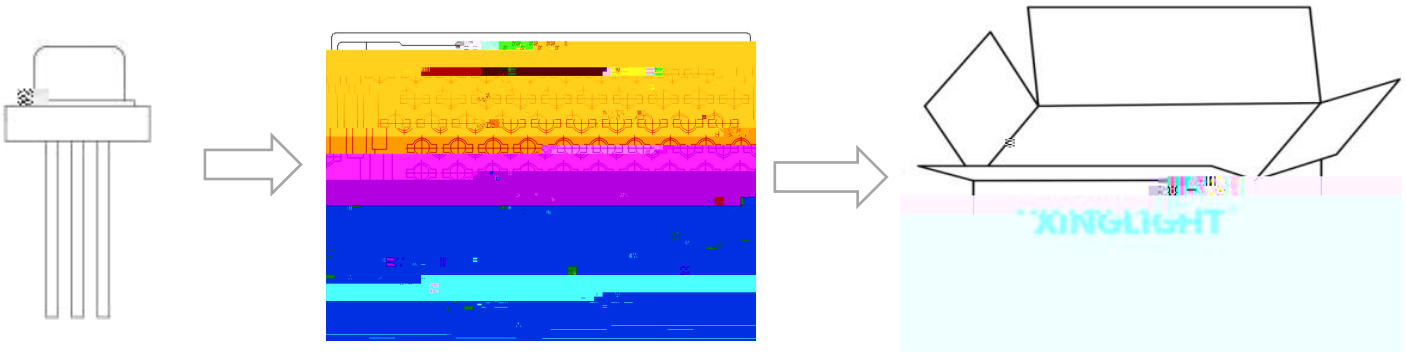

使用注意事项

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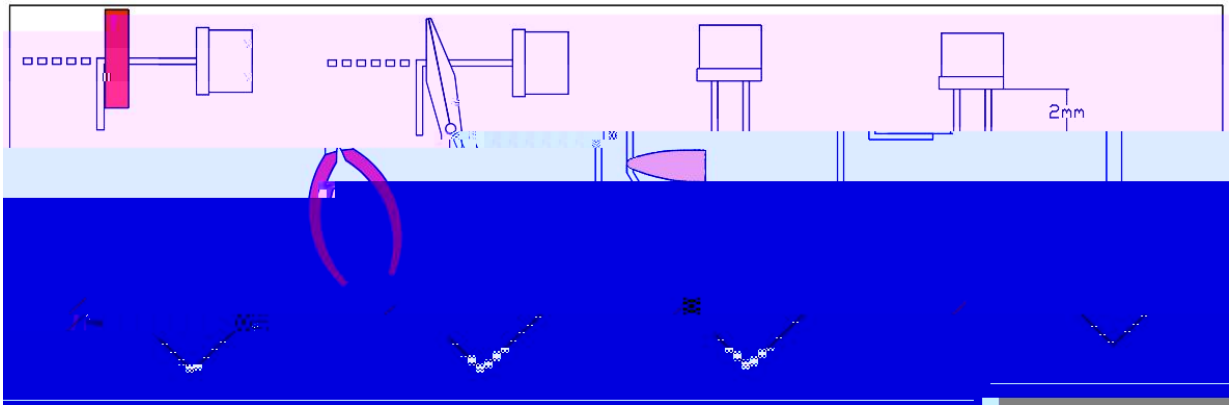
1 2

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.



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“ ” HBM <800V

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 , with actual tolerance usually limited to 250–500 V. Protection measures must be implemented according to the <100 V operating standard.

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

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