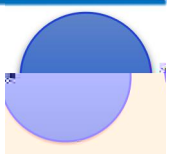
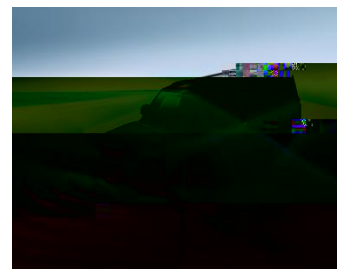


- * 15mW TC = 25°C
- Optical output power (continuous wave): 15mW (TC = 25°C)
- * 520nm
- Typical emission wavelength: 520nm
- *
- Efficient radiation source for cw and pulsed operation
- *
- Single mode semiconductor laser
- *
- High modulation bandwidth
- * TO56
- TO56 package with photo diode
- * MSL :2
- Moisture sensitivity level MSL : 2levels
- * ROHS
- Environmental protection products meet ROHS requirements



- * 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





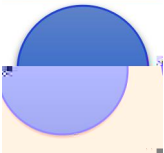
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b

Maximum Ratings Ta=25

parameter	symbol		unit
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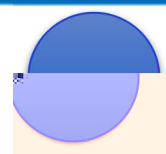
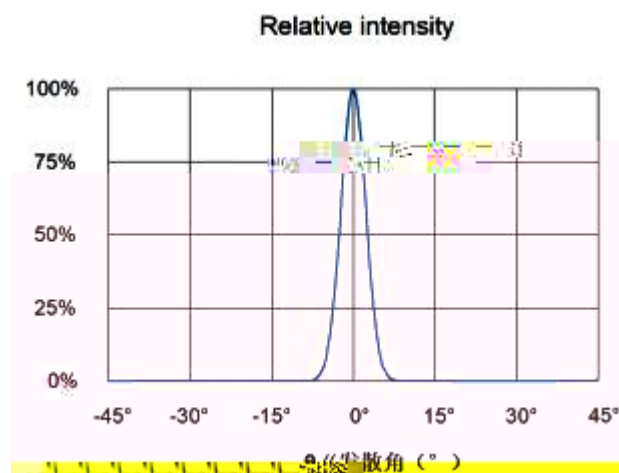
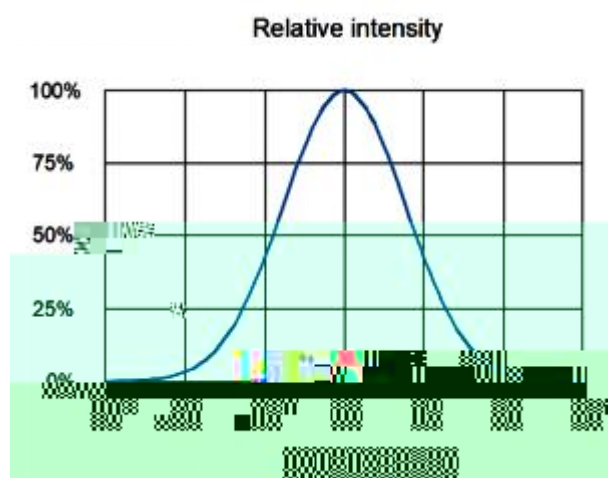
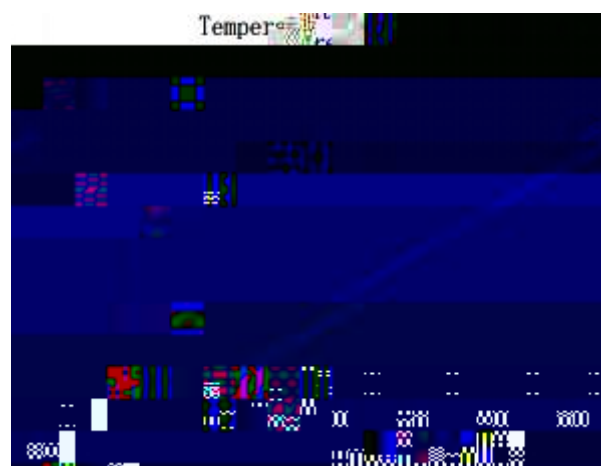
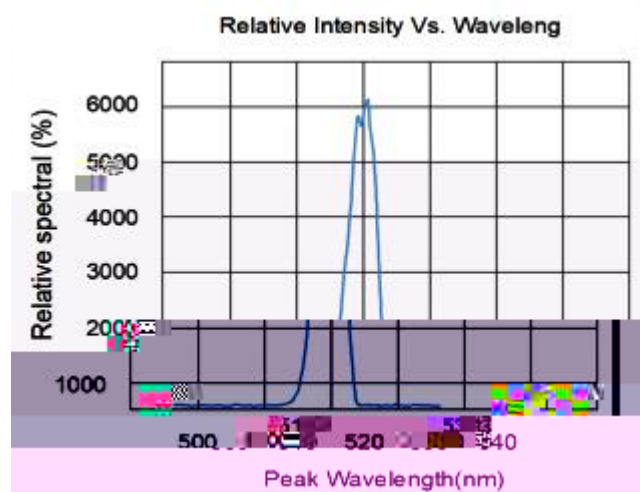
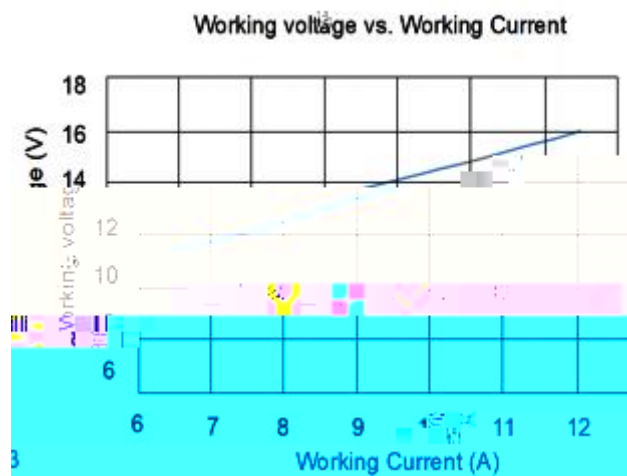
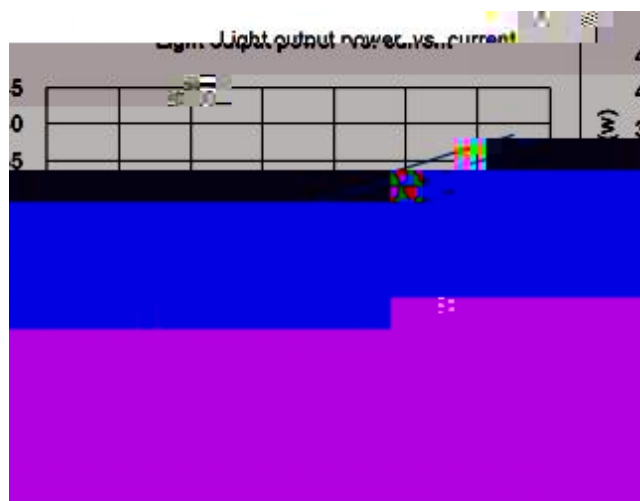




	λ					
	θ					°
	θ					°
	$\Delta \theta$					°
	$\Delta \theta$					°

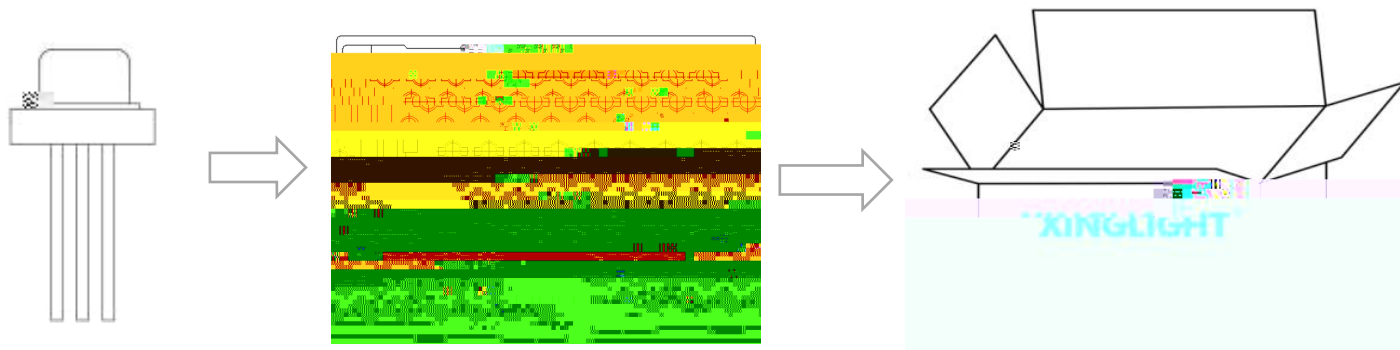


典型特性曲线





包装



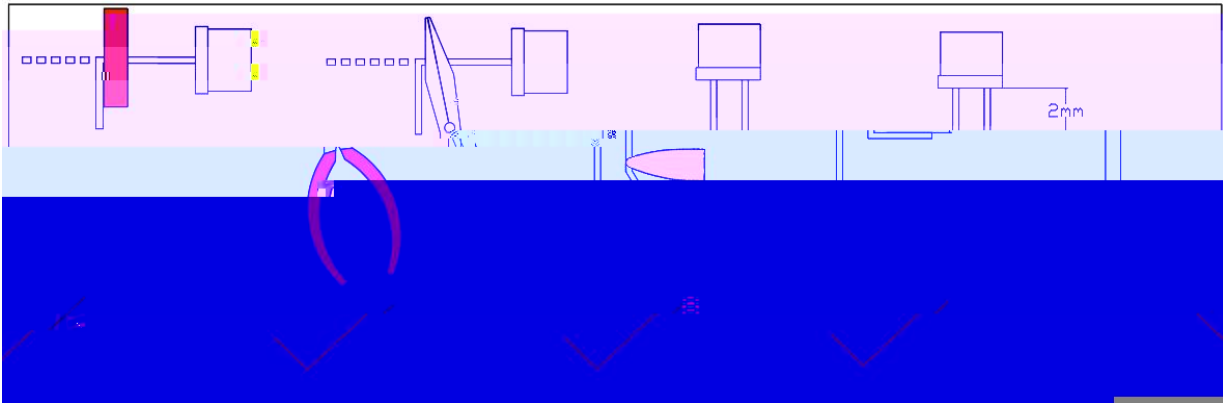


1 2

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; th ð teco

