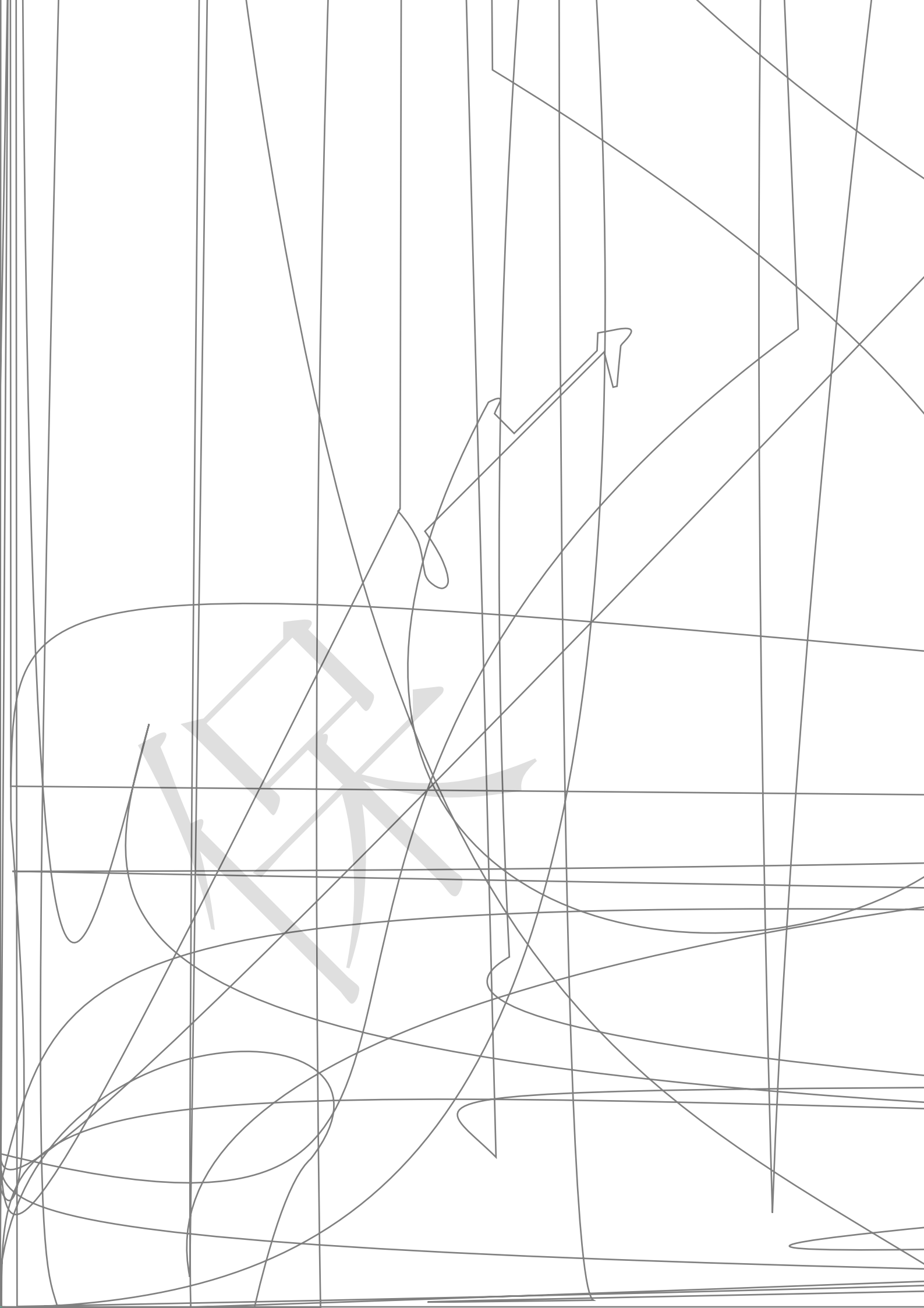
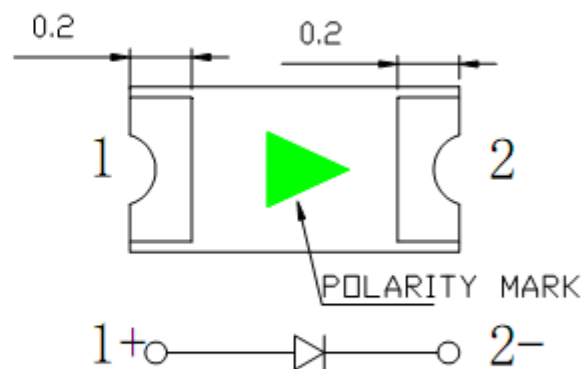
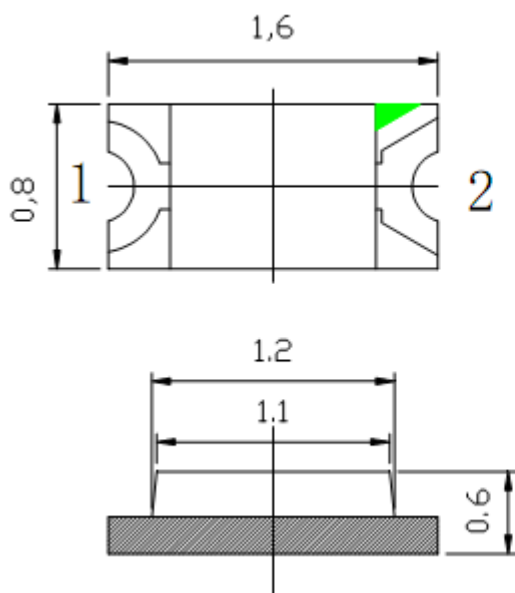




Features

Pb free product—RoHS compliant
 Low power consumption, High efficiency
 Reliable and rugged
 Long life – solid state reliability
 Viewing Angle: 120°

Package Dimension



Part NO.	Lens Color	Source Color
SL-T0603BBC005-L60	Water Clear	Blue

Notes:

1. All dimensions are in millimeters.
2. Tolerance is $\pm 0.20\text{mm}$ unless otherwise noted
3. Specifications are subject to change without notice.

Absolute Maximum Ratings at Ta=25

Parameter	MAX	Unit
Power Dissipation	90	mW
Peak Forward Current ^{*3}	100	mA
Continuous Forward Current	30	mA
Reverse Voltage	5	V
Electrostatic Discharge(HBM) ^{*5}	1000	V
Moisture Sensitivity Level ^{*1}	3	
Operating Temperature Range	-40°C to + 85°C	
Storage Temperature Range	-40°C to + 100°C	
IR Reflow Temperature ^{*4}	260 for 10 Seconds MAX.	

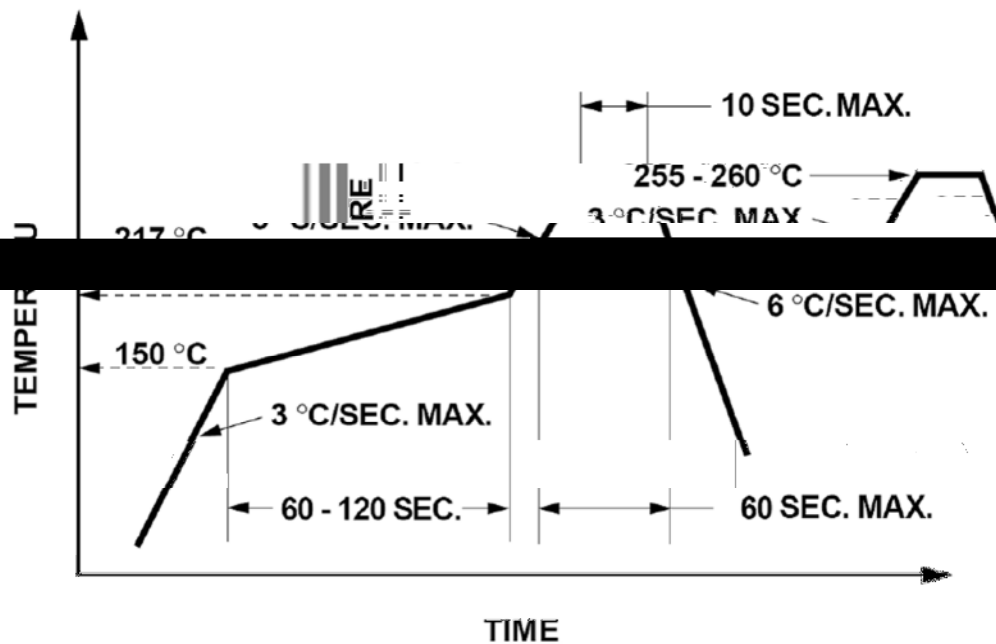
1. Storage:

- (1). Storage requirements before vacuum bag opened: Temperature<30 , Humidity<65%RH;
- (2). Check air leakage and vacuum bag damage before opened. If there is any issue found, check the humidity indicator card immediately after bag opened:
 - a. If color changes on “10% cir.Iy





Suggested Reflow Condition of Polysilicon



1. Reflow soldering should not be done more than two times.
2. When soldering, do not put stress on the LEDs during heating.

Soldering iron

1. When hand soldering, the temperature of the iron must less than 300 °C for 3 seconds.
2. The hand solder should be done only once.

Repairing

Repairing should be done after the LEDs have been soldered. When repairing is unavoidable, a double-head soldering iron should be used (as below figure). It should be confirmed beforehand whether the characteristics of LEDs will or will not be damaged by repairing.

