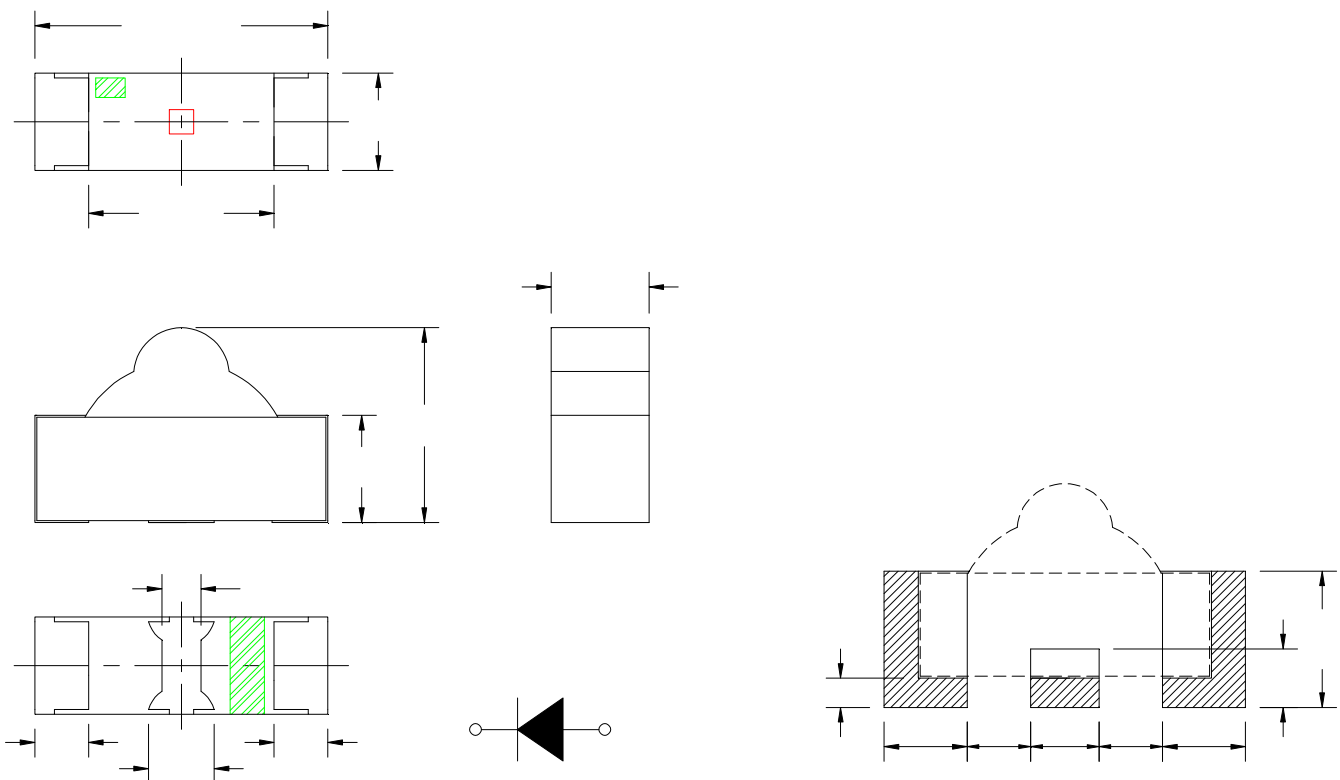




## Features

- Pb free product—RoHS compliant
- Low power consumption, High efficiency
- Reliable and rugged
- Long life – solid state reliability
- Good spectral matching to Si photo detector

## Package Dimension



Part NO.	Chip Material	Lens Color
SL-T3010IRC020-L200	AlGaAs	Water Clear

### Notes:

1. All dimensions are in millimeters.
2. Tolerance is 0.10mm unless otherwise noted.
3. Specifications are subject to change without notice.







## Radiant Intensity Bin Code ( $I_F=20\text{mA}$ )

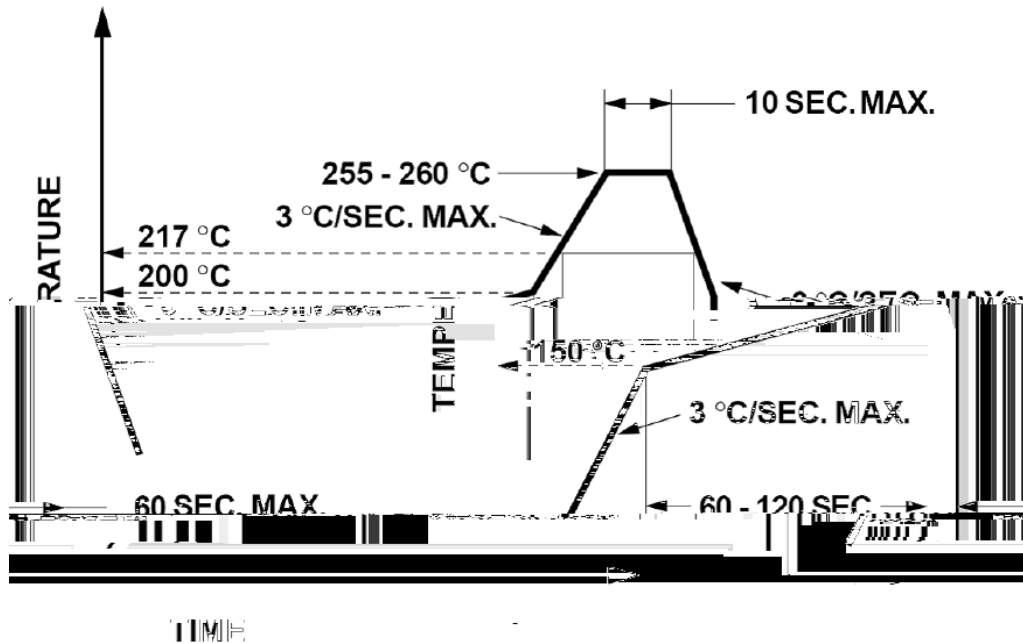
BIN CODE	Min. (mW/sr)	Max. (mW/sr)
1	0.8	1.0
2	1.0	1.2
3	1.2	1.44
4	1.44	1.73
5	1.73	2.08

**NOTE:** The  $I_e$  guarantee should be added  $\pm 15\%$  tolerance.





## Suggest IR Reflow Condition For Lead Free



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 350 for 3 seconds.
2. The hand solder should be done only once.

## Repairing

Repair should not 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.

