

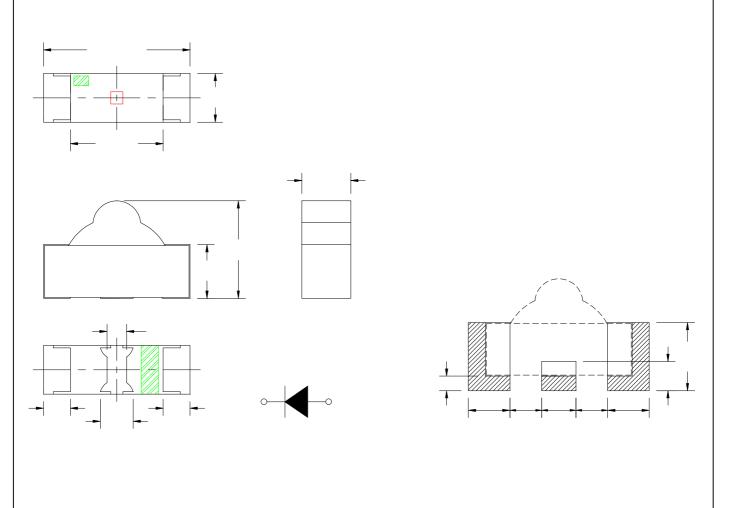
LIGHT ELECTRONICS CO., LTD.

LIGHT

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.



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Radiant Intensity Bin Code (I_F=20mA)

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 Ie guarantee should be added $\pm 15\%$ tolerance.

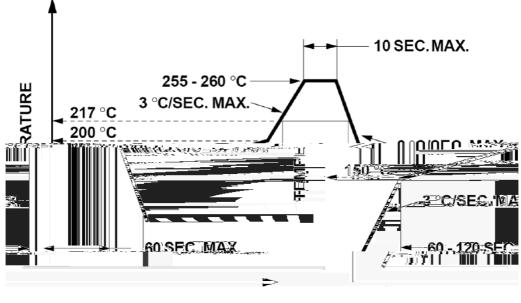
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LIGHT



Suggest IR Reflow Condition For Lead Free



TIME

- 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.

