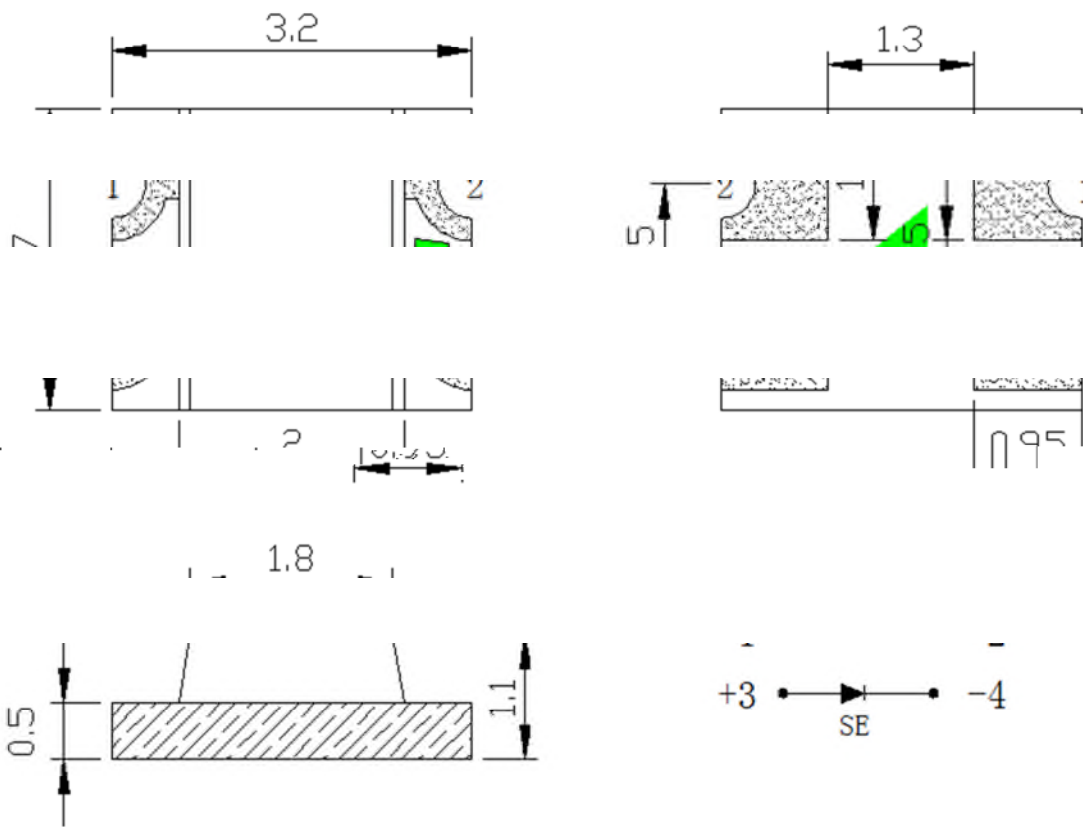


Features

- ◆ Pb free product—RoHS compliant
- ◆ Low power consumption, High efficiency
- ◆ Reliable and rugged
- ◆ Long life – solid state reliability

Package Dimension



Part NO.	Lens Color	Source Color
SL-T3227GOC020-L110	Water Clear	Yellow Green/Orange

Notes:

1. All dimensions are in millimeters.
2. Tolerance is ±0.10mm unless otherwise noted.



Absolute Maximum Ratings at Ta=25

Parameter	Yellow Green	Orange	Unit
Power Dissipation	78	78	mW

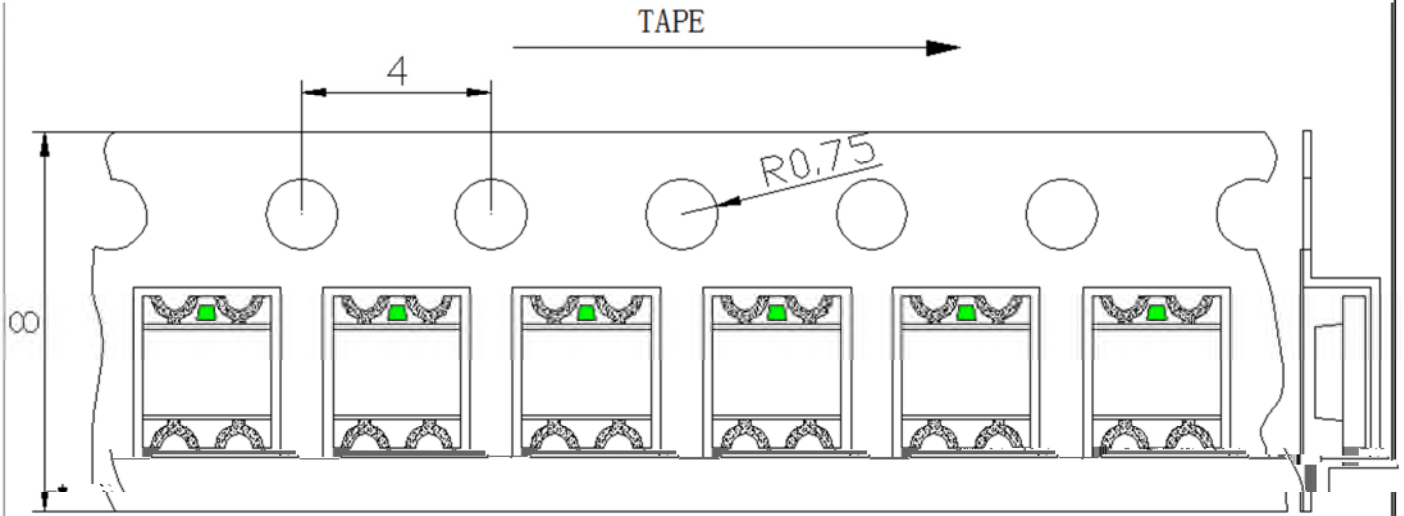
Electrical Optical Characteristics at Ta=25

Parameter	Symbol	Color	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	I _v	Yellow Green	30	---	70	mcd	I _F =20mA
		Orange	70	---	150	mcd	I _F =20mA
	1/2	---	---	120	---	Deg.	(Note 2)
Peak Emission Wavelength		Yellow Green	---	575	---	nm	I _F =20mA
		Orange	---	610	---	nm	I _F =20mA
		Yellow Green	568	---	574	nm	I _F =20mA
		Orange	600	---	606	nm	I _F =20mA
Spectral Line Half-Width		Yellow Green	---	15	---	nm	I _F =20mA
		Orange	---	15	---	nm	I _F =20mA



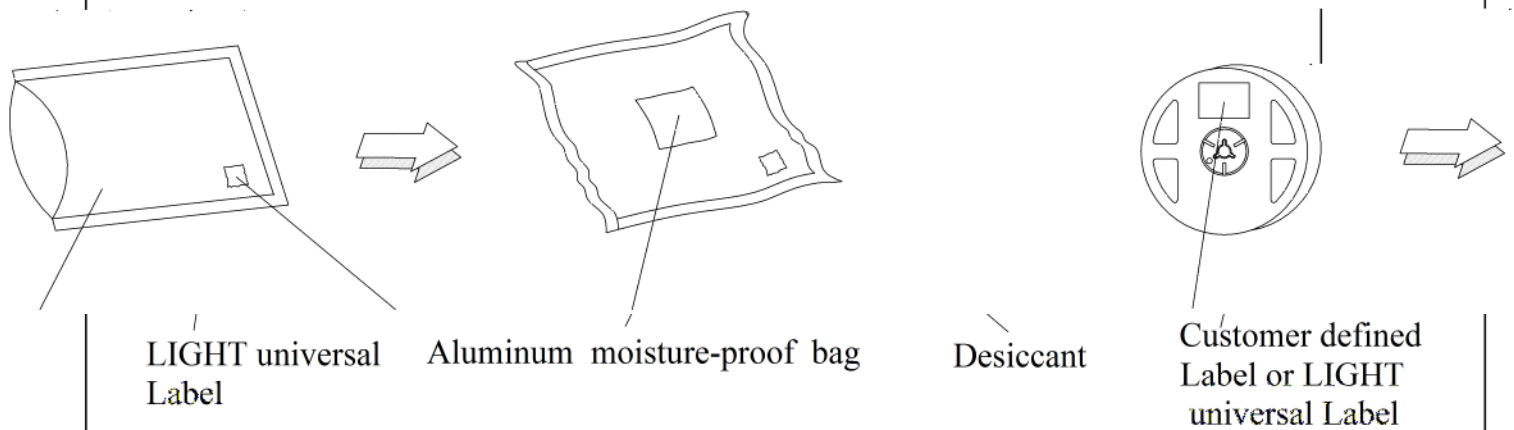


Carrier Tape Specifications

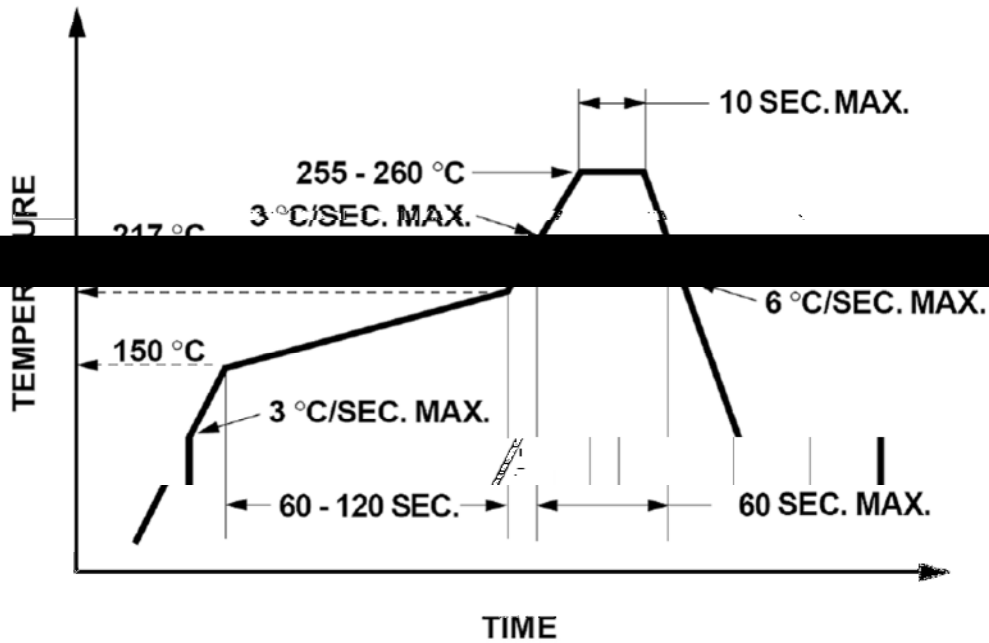


Note: Tolerance unless mentioned is $\pm 0.2\text{mm}$; Unit = mm

Moisture Resistant Packaging



Caution for Soldering of LEDs



- 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

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.

