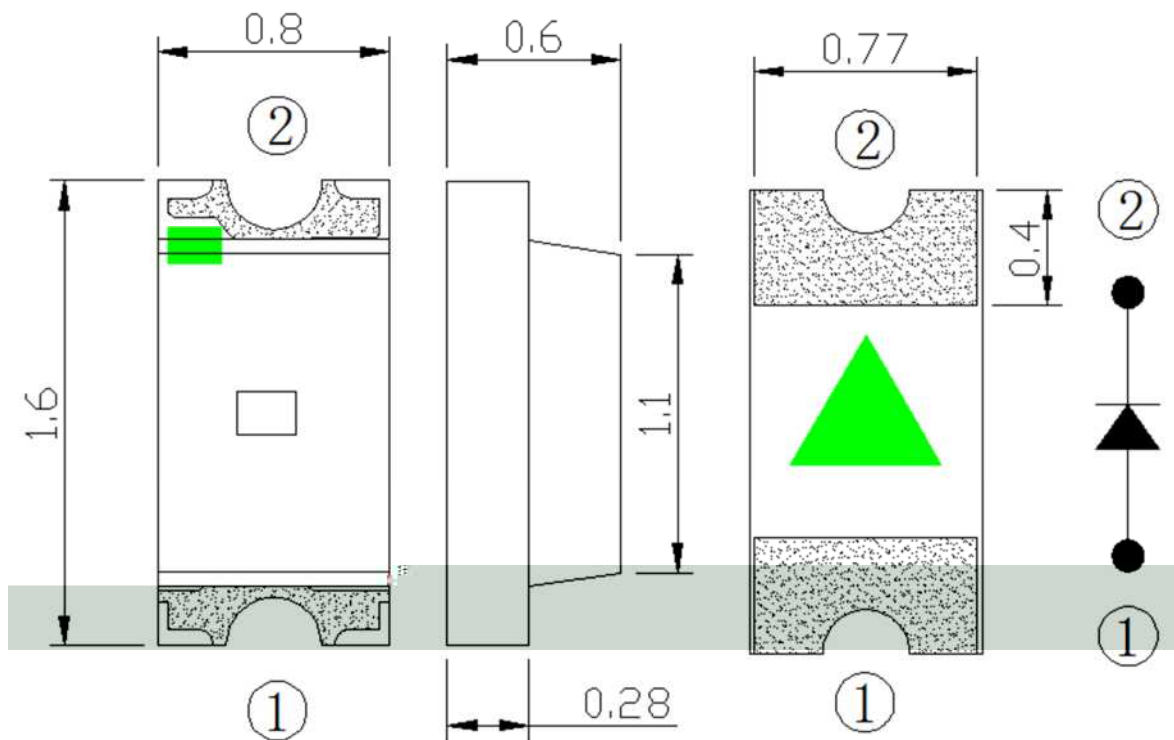




Pb free product—RoHS compliant  
 Low power consumption, High efficiency  
 Reliable and rugged  
 Long life – solid state reliability  
 Viewing Angle: 120°

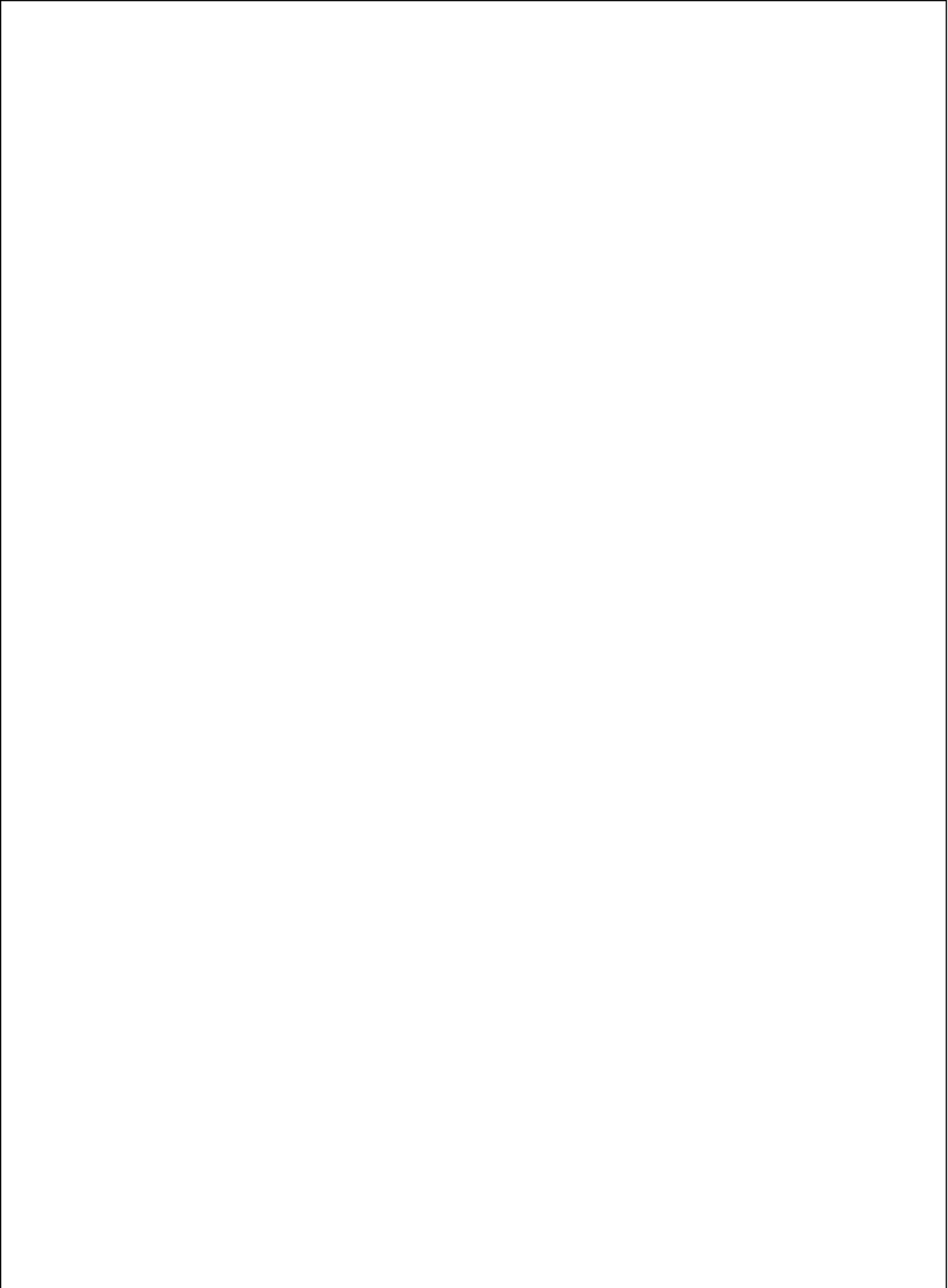


Part NO.	Lens Color	Source Color
SL-T0603SYC020-L60	Water Clear	Yellow

1. All dimensions are in millimeters (inches).
2. Tolerance is 0.10mm(0.004inch) unless otherwise noted
3. Specifications are subject to change without notice.

LIG

LIGHT ELECTRONICS CO., LTD.

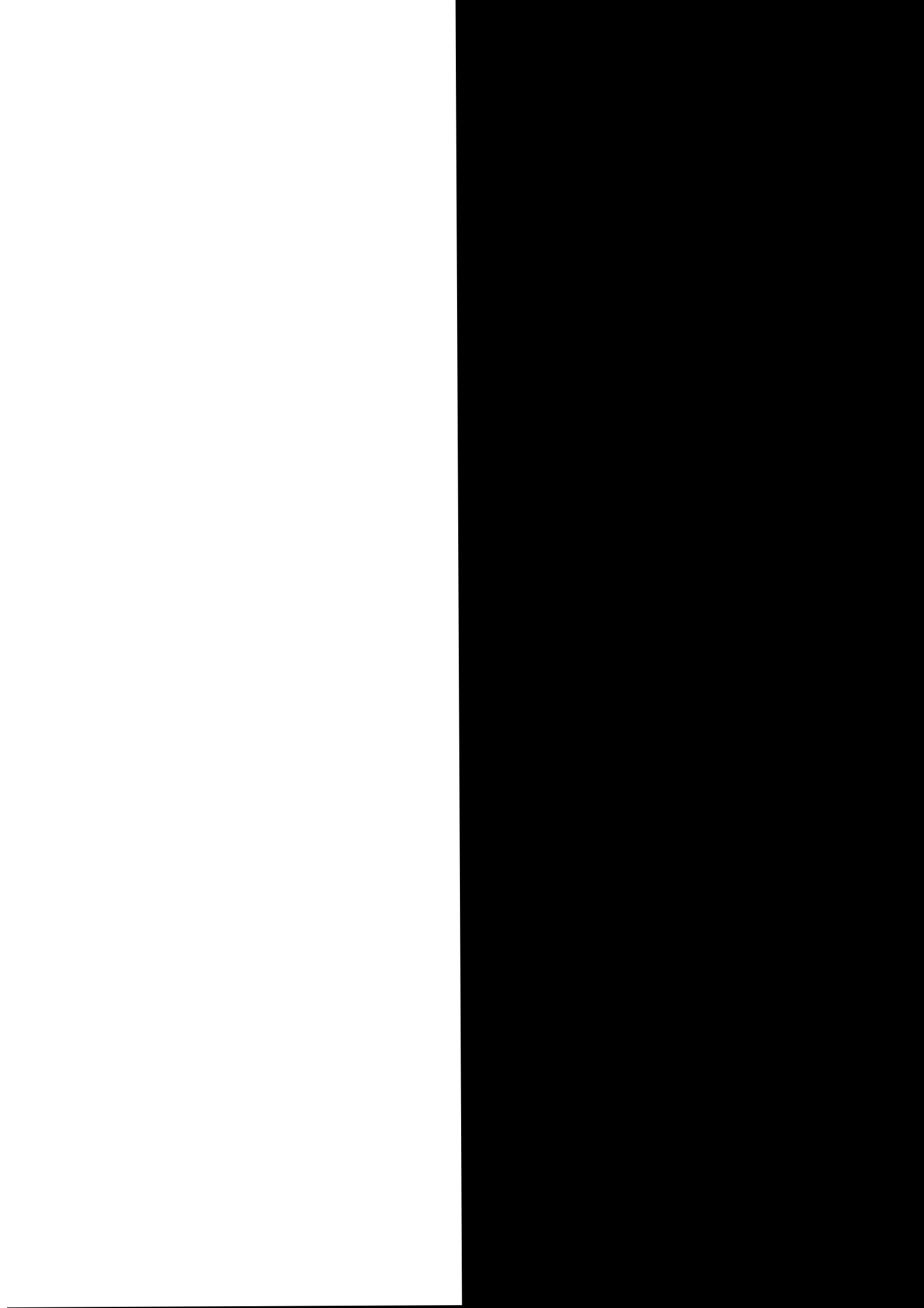


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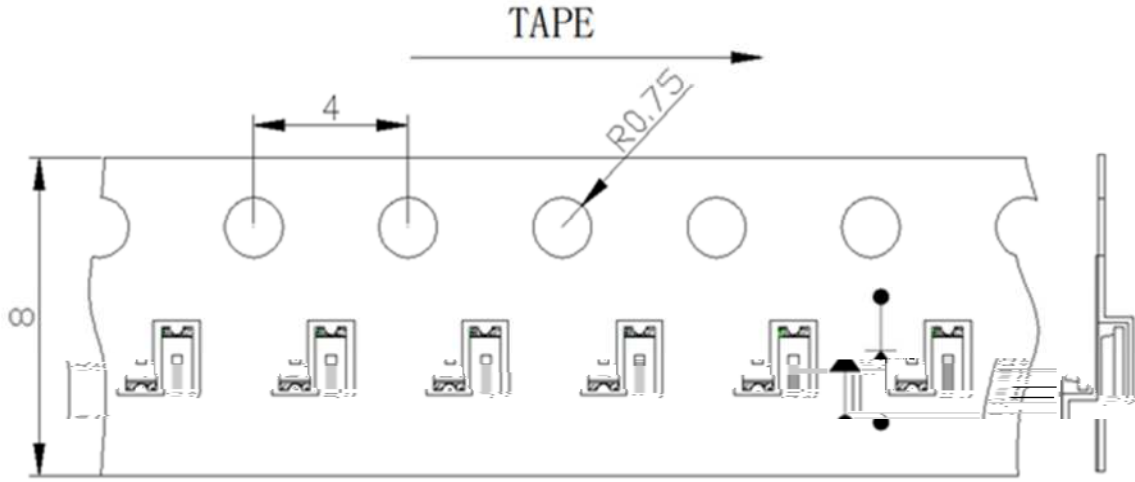
Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	$I_v$	50	---	200	mcd	$I_F=20\text{mA}$ (Note 1)
	$_{1/2}$	---	120	---	Deg.	(Note 2)
						$F=20\text{mA}$
						$F=20\text{mA}$ (Note 3)
Spectral Line Half-Width		---	16	---	nm	$I_F=20\text{mA}$
Forward Voltage	$V_F$	1.8	---	2.4	V	$I_F=20\text{mA}$
Reverse Current	$I_R$	---	---	10	$\mu\text{A}$	$V_R=5\text{V}$

1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve. Tolerance of Luminous Intensity:  $\pm 15\%$ .
2.  $_{1/2}$  is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
3. single wavelength which defines the color of the device. Tolerance of Dominant Wavelength:  $\pm 1.0\text{nm}$ .
4. Tolerance of Forward Voltage:  $\pm 0.1\text{V}$ .

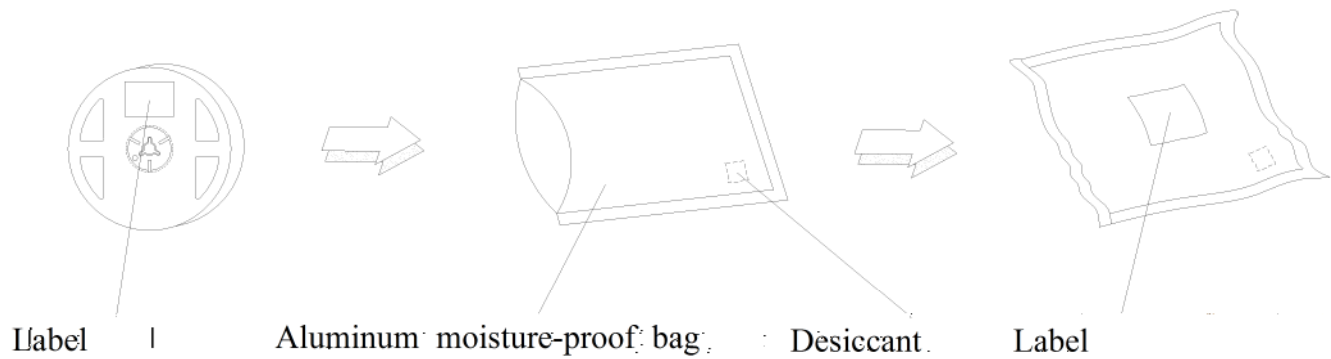




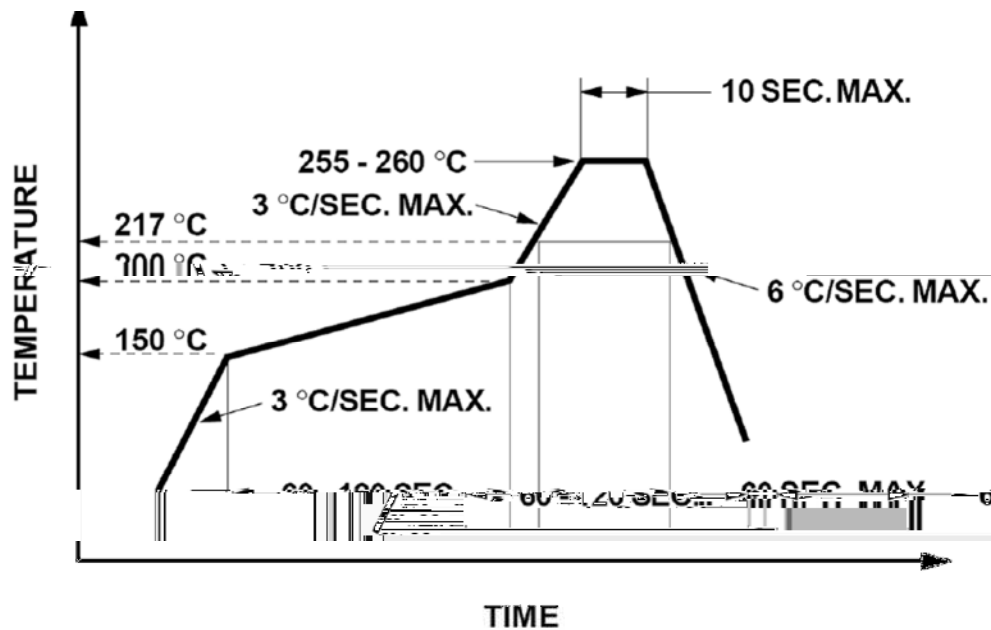
## Carrier Tape Specifications (Loaded Quantity: 4000pcs/reel)



## Moisture Resistant Packaging



## 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 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.

