



SL-T0603GEC005-L40 DATA SHEET

 SPEC. NO.
 : SZ18051006

 DATE
 : 2018/05/10

 REV.
 : A/0

Approved By: Checked By: Prepared By:

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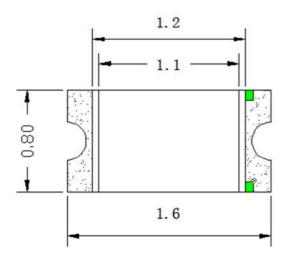


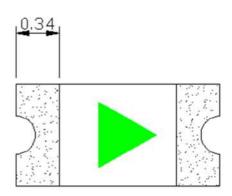


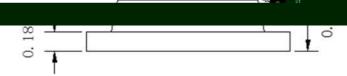
Features

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

Package Dimension





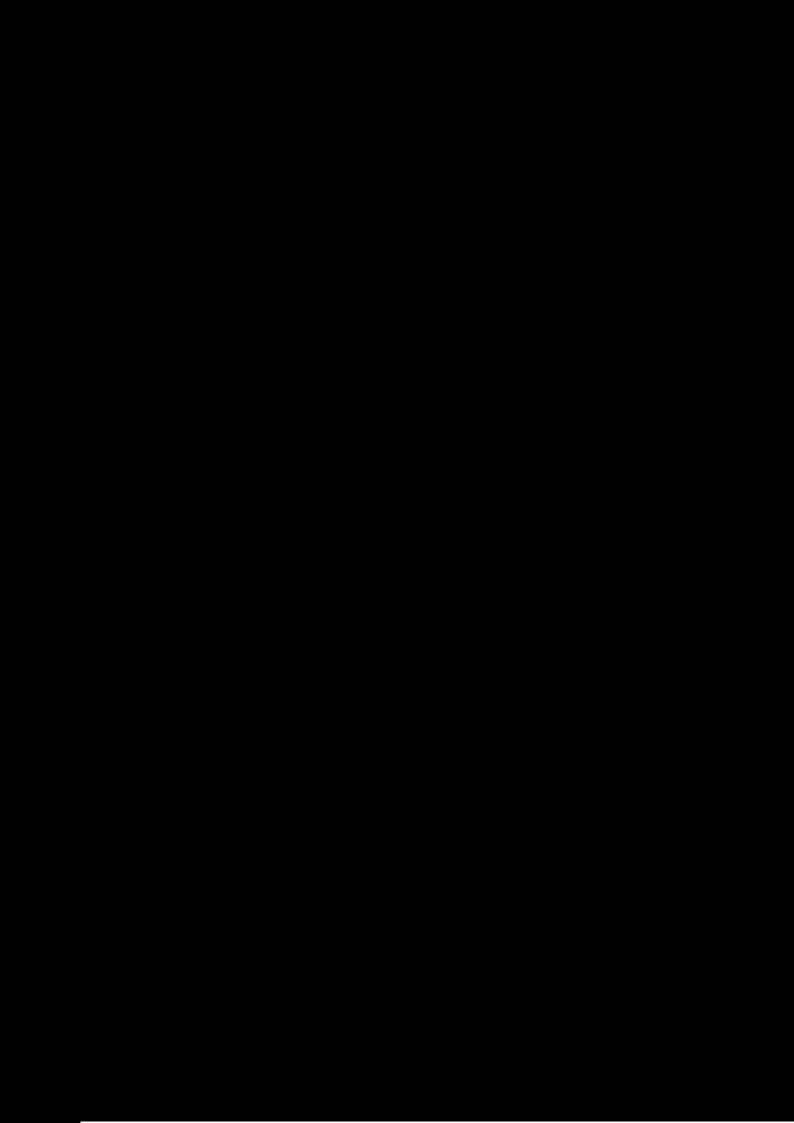


Part NO.	Lens Color	Source Color
SL-T0603GEC005-L40	Water Clear	Green

Notes:

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

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Electrical Optical Characteristics at Ta=25

Parameter	Symbol	Min.	Тур.	Max.	Unit	Test Condition
Luminous Intensity	IV	200		400	mcd	I _F =5mA (Note 1)
	1/2		120		Deg.	(Note 2)
						_F =5mA
						_F =5mA
Spectral Line Half-Width			30		nm	
Forward Voltage	V _F	2.4		3.2	V	I _F =5mA (Note 4)
Reverse Current	I _R			10	μΑ	V _R =5V

Note:

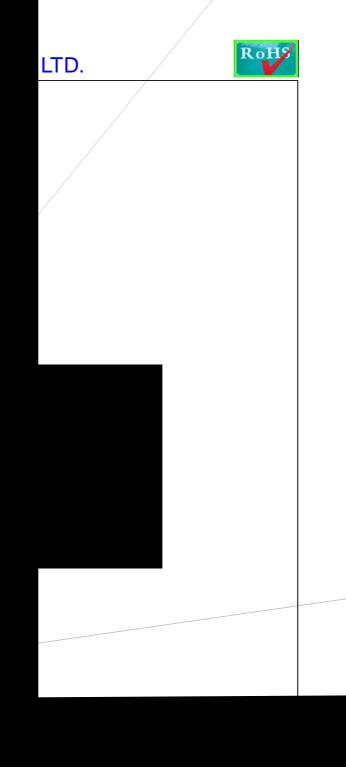
- 1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve. Tolerance of Luminous Intensity: ±15%.
- 2. $_{1/2}$ is the off-axis angle at which the luminous intensity is half the axial luminous intensity.

3.

 $single\ wavelength\ which\ defines\ the\ color\ of\ the\ device.\ Tolerance\ of\ Dominant\ Wavelength:\ \pm 1.0nm.$

4. Tolerance of Forward Voltage: ±0.1V.

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Label Explanation





Reel Dimensions

Note: Tolerance unless mentioned is ±0.2mm; Unit = mm

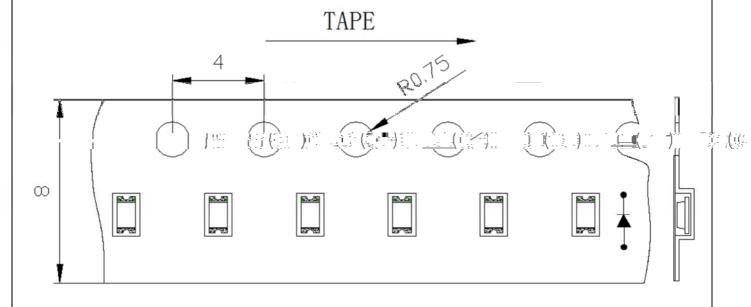
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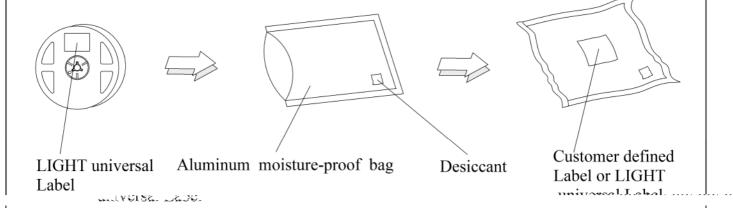
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Carrier Tape Specifications (Loaded Quantity: 4000pcs/reel)



Moisture Resistant Packaging

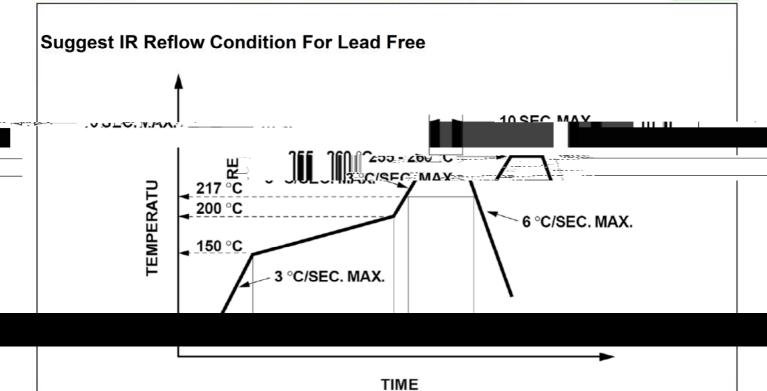


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- 1. Reflow soldering should not be done more than two times.
- 2. When soldering, do not put stress on the LEDs during heating.

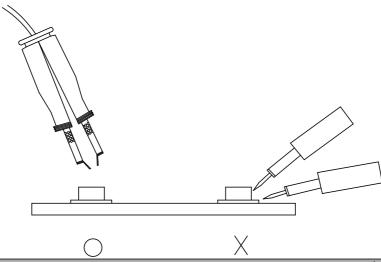
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Saldering iron

- 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.



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