

# SL-T4234IRC150-L340-2PIN

## DATA SHEET

SPEC. NO. : SZ19121601  
DATE : 2019/12/28  
REV. : A/1

Approved By:

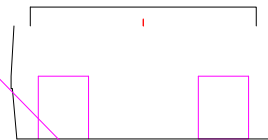
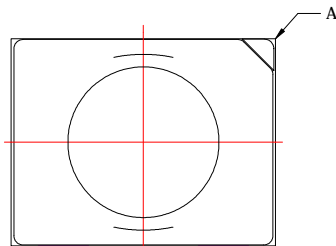
Checked By:

Prepared By:

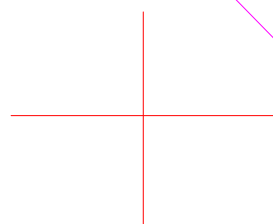
## Features

- Pb free product—RoHS compliant
- Low power consumption, High efficiency
- Reliable and rugged
- Long life – solid state reliability
- Radiant angle: 20°

## Package Dimension



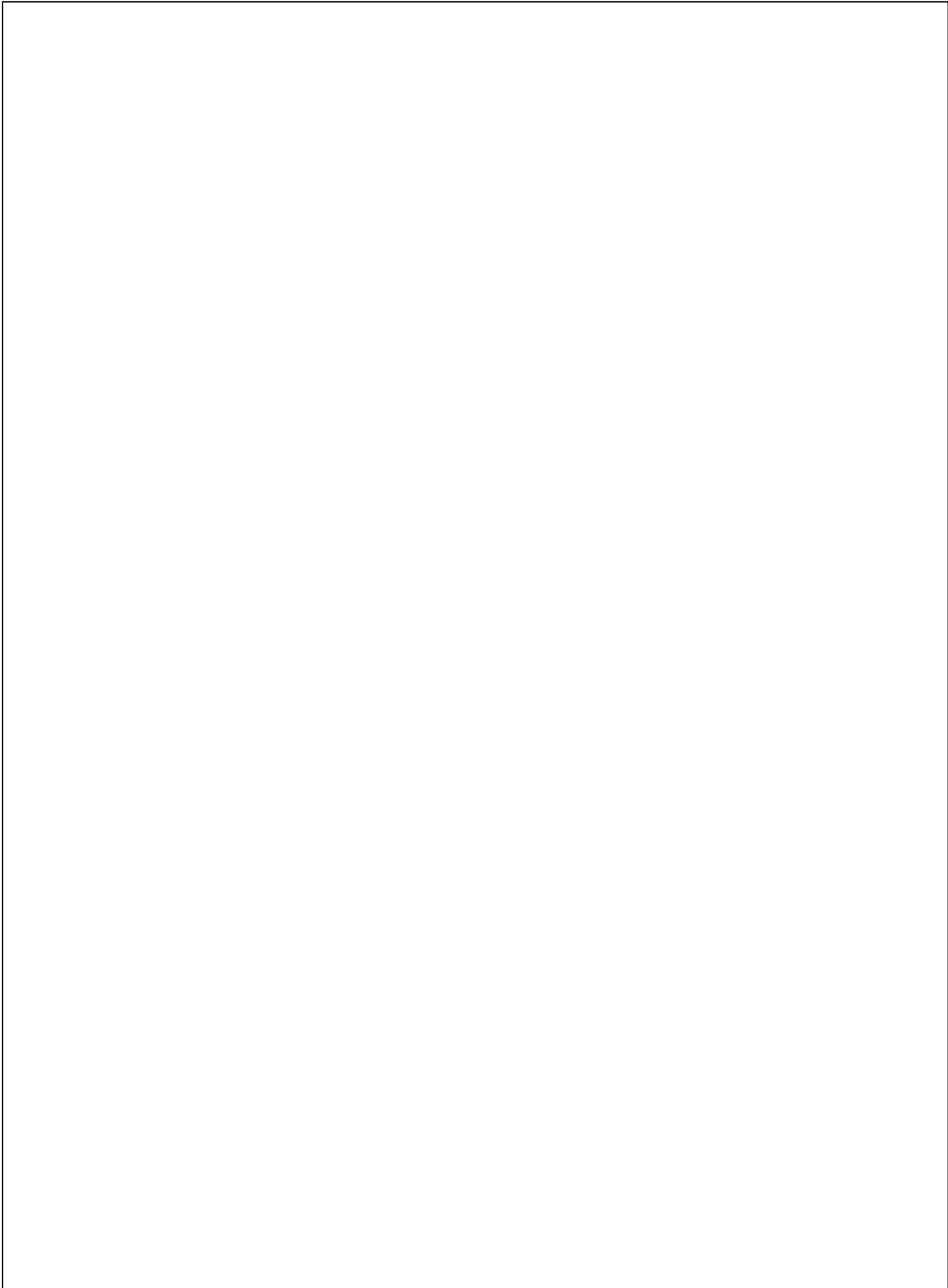
Note:  
A: Nick Mark



Part NO.	Chip Material	Lens Color
SL-T4234IRC150-L340-2PIN	AlGaAs/Si	Water Clear

### Notes:

- All dimensions are in millimeters.
- Tolerance is  $\pm 0.10\text{mm}$  unless otherwise noted
- Specifications are subject to change without notice.

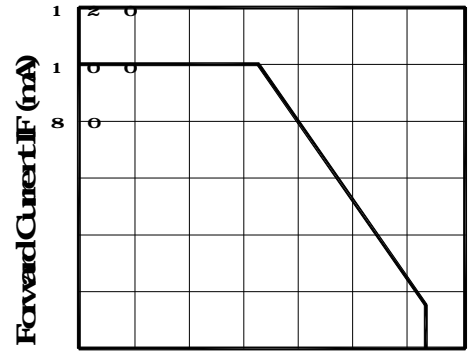
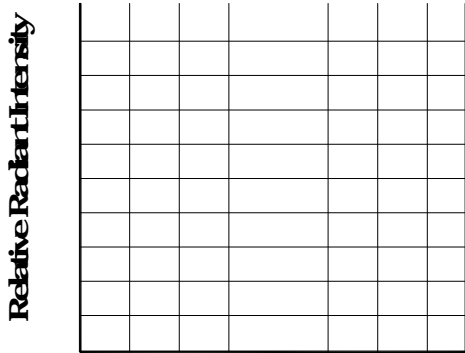




## Typical Electrical / Optical Characteristics Curves

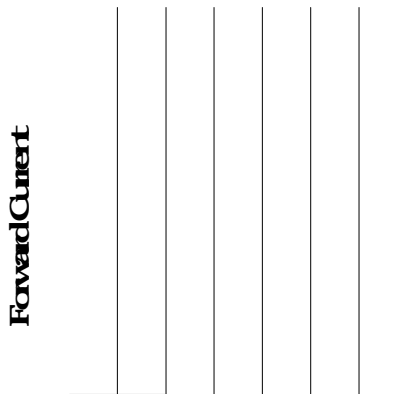
(25 Ambient Temperature Unless Otherwise Noted)

**Fig. 1 Spectral Radiance vs. Ambient Temperature**



Wavelength Ambient Temperature

**Fig. 3 Forward Voltage vs. Ambient Temperature**



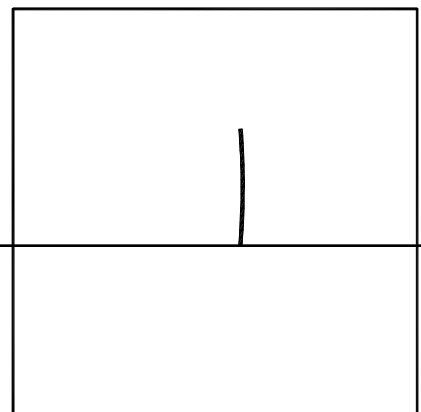
Relative Radiant Intensity @ IF=50mA

Forward Voltage Ambient Temperature

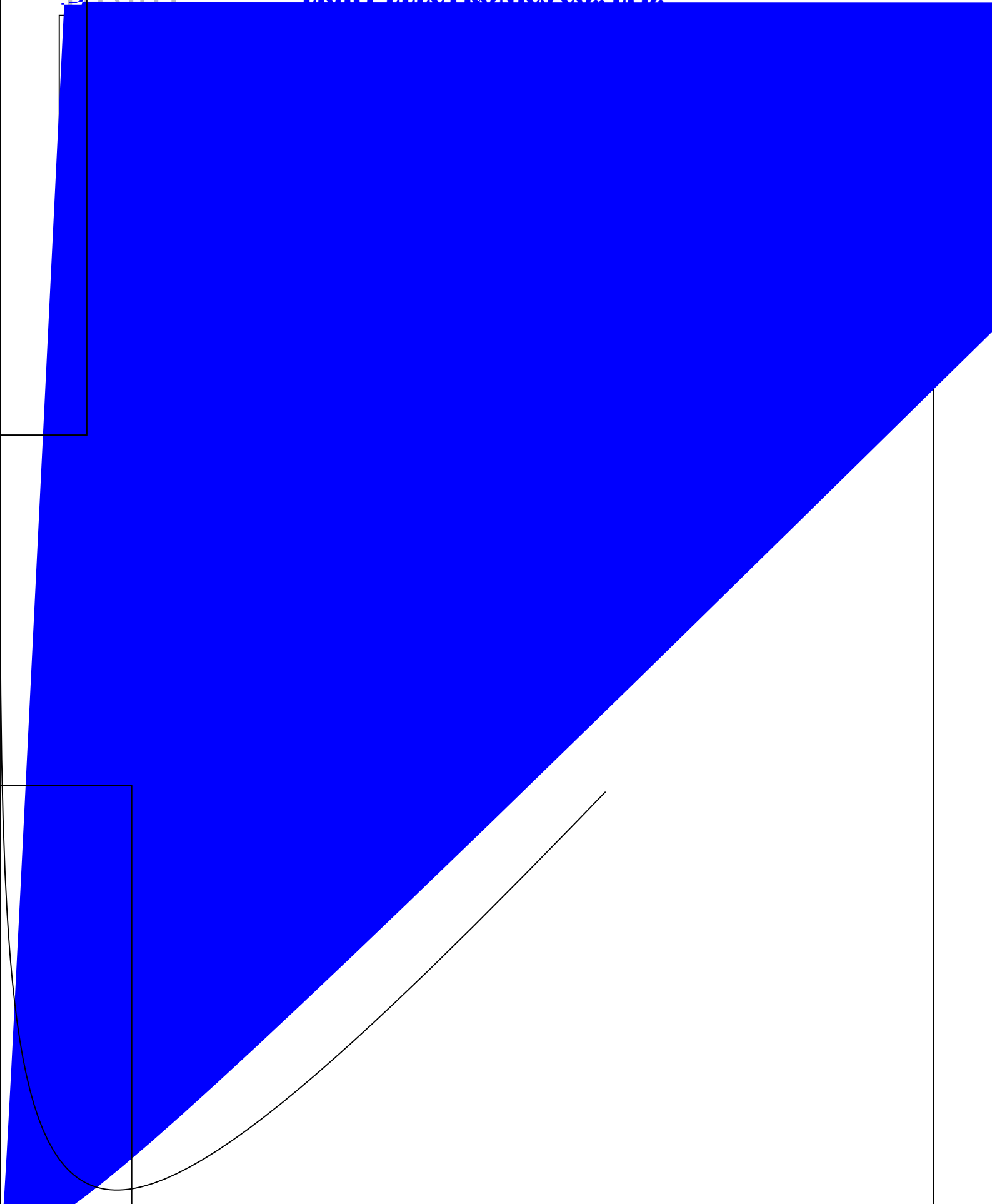
**Fig. 5 Relative Radiant Intensity vs. Forward Current**

Relative Radiant Intensity IF=50mA

Relative Radiant Intensity








Forward Current



## Label Explanation

### LIGHT Universal Label

- * ( \$ ) i 9gfl +k6x3 ?L ¢ .	
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### Customer Defined Label

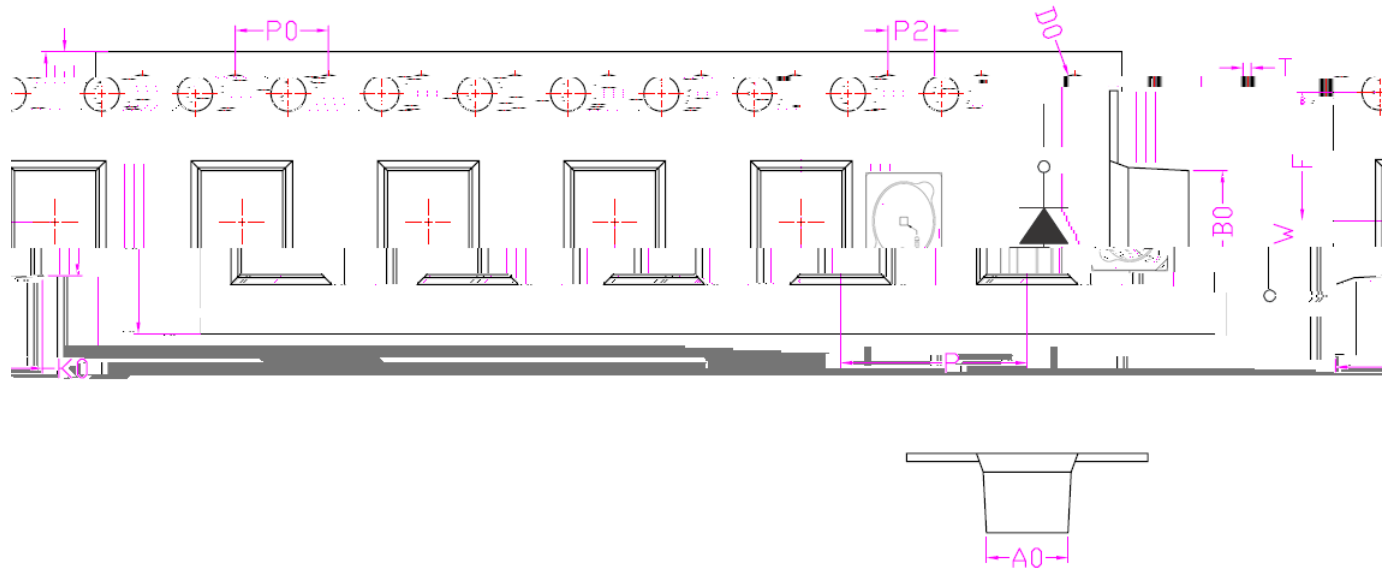


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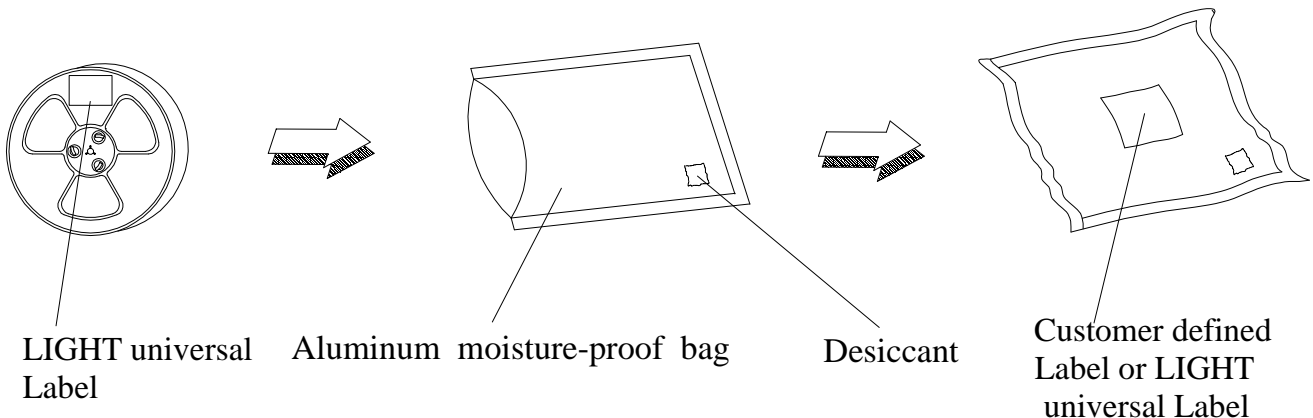
## Carrier Tape Specifications (Loaded Quantity: 2200pcs/reel)

ITEM	W	A0	B0	K0	E	F	D0	P	P0	P2	T
DIM	12.00	3.50	4.40	3.40	1.75	5.50	1.50	8.00	4.00	2.00	0.35
TOLE	+0.30 -0.30	+0.10 -0.10	+0.10 -0.10	+0.10 -0.10	+0.10 -0.10	+0.10 -0.10	+0.15 -0.15	+0.10 -0.10	+0.10 -0.10	+0.10 -0.10	+0.05 -0.05



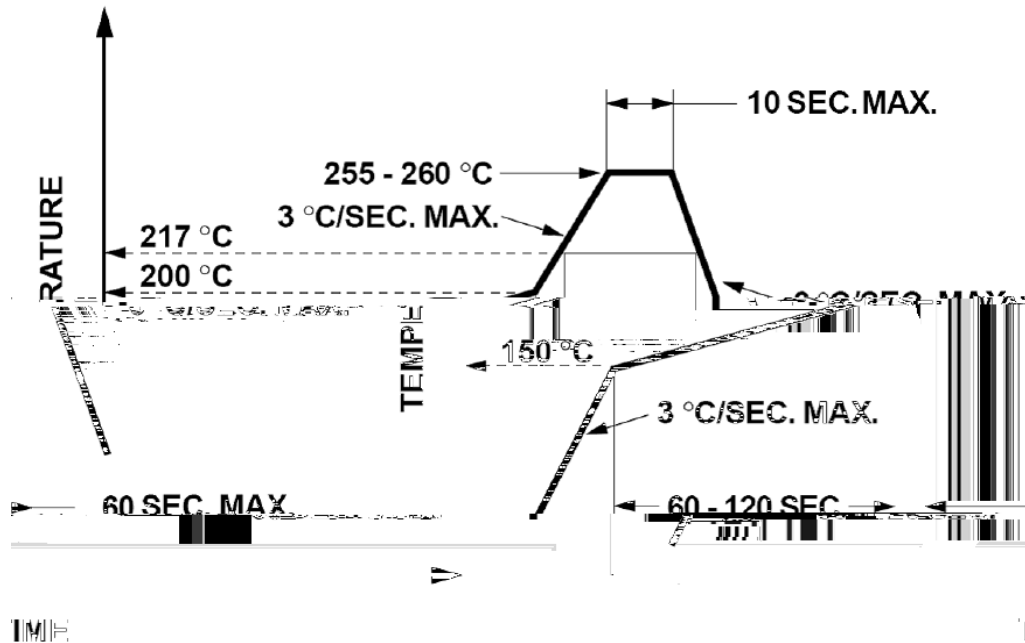
**Note:** Tolerance unless mentioned is  $\pm 0.1$ mm; Unit = mm

## 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 for 3 seconds.
2. The hand solder should be done only onc9 1.19-250-250369 1.19(y)-2296 T Q .