

# SL-T4234IRC150-L340-2PIN

## DATA SHEET

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

Approved By:

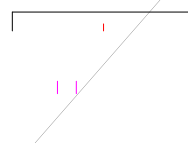
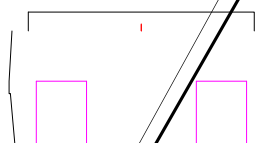
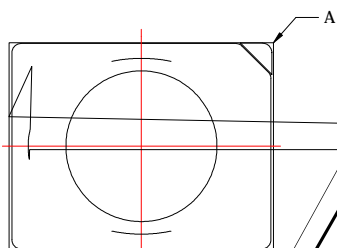
Checked By:

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  
Vacant Pin

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

### Notes:

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





## Typical Electrical / Optical Characteristics Curves (25 Ambient Temperature Unless Otherwise Noted)

Fig.1 Spectral Distribution

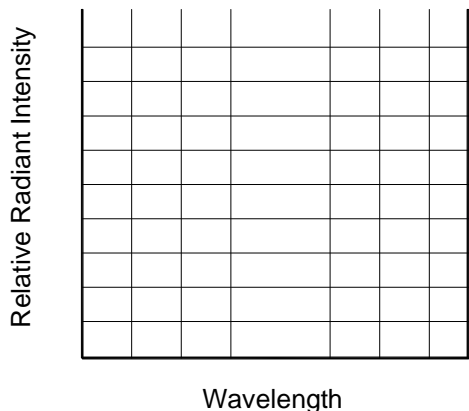


Fig.2 Forward Current Vs Ambient Temperature

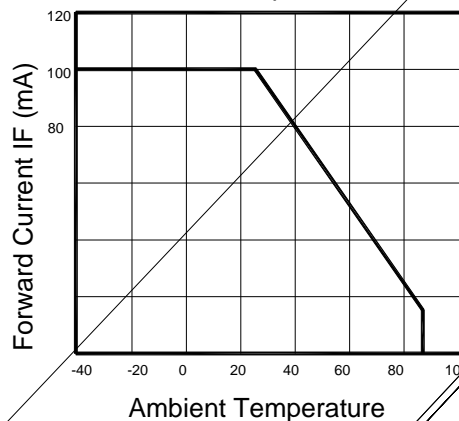


Fig.3 Forward Current Vs Forward Voltage

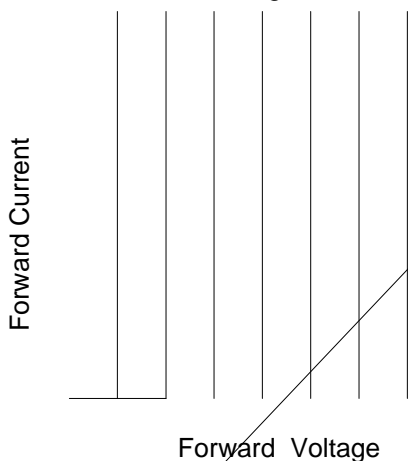


Fig.4 Relative Radiant Intensity Vs Ambient Temperature

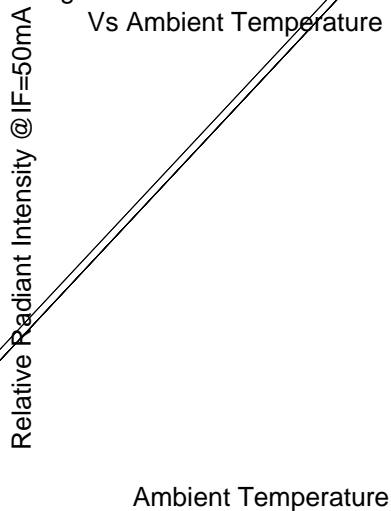


Fig.5 Relative Radiant Intensity Vs Forward Current

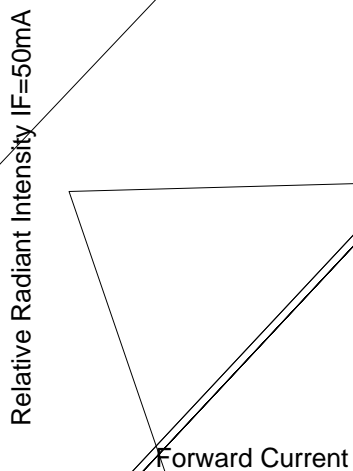
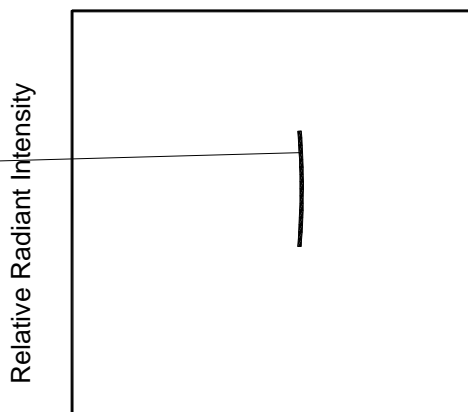
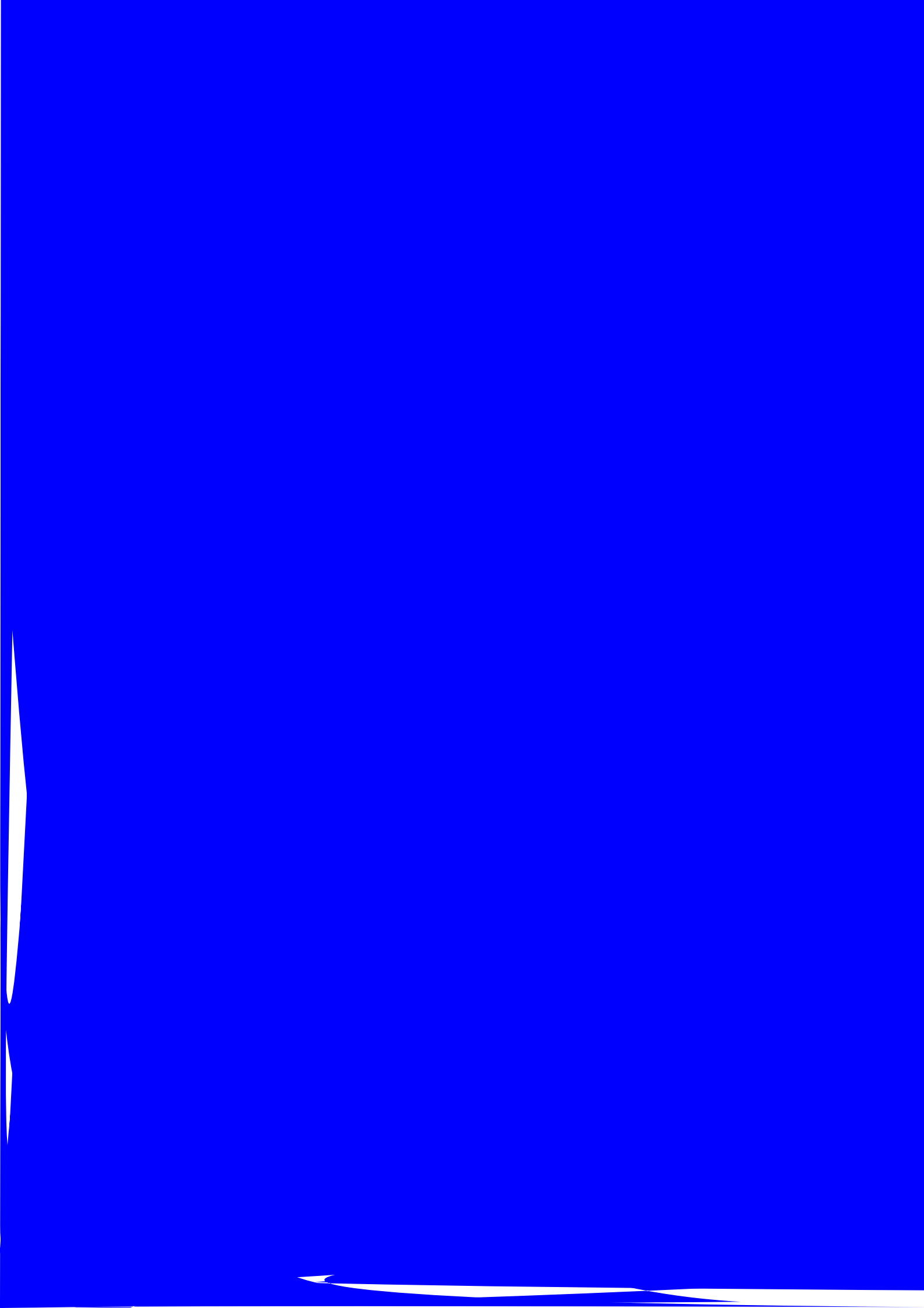


Fig.6 Radiation Diagram





## Label Explanation

### LIGHT Universal Label

\$' i 9c( • +k6×3 ?L†ø .  
/LJKW (OHFWURQLFV & 2 /7'  
02' (/ 1 \$0(  
48\$ 17,7<  
%, 1  
3\$ &., 1\* '\$7(  
5(0\$5.6

127 12

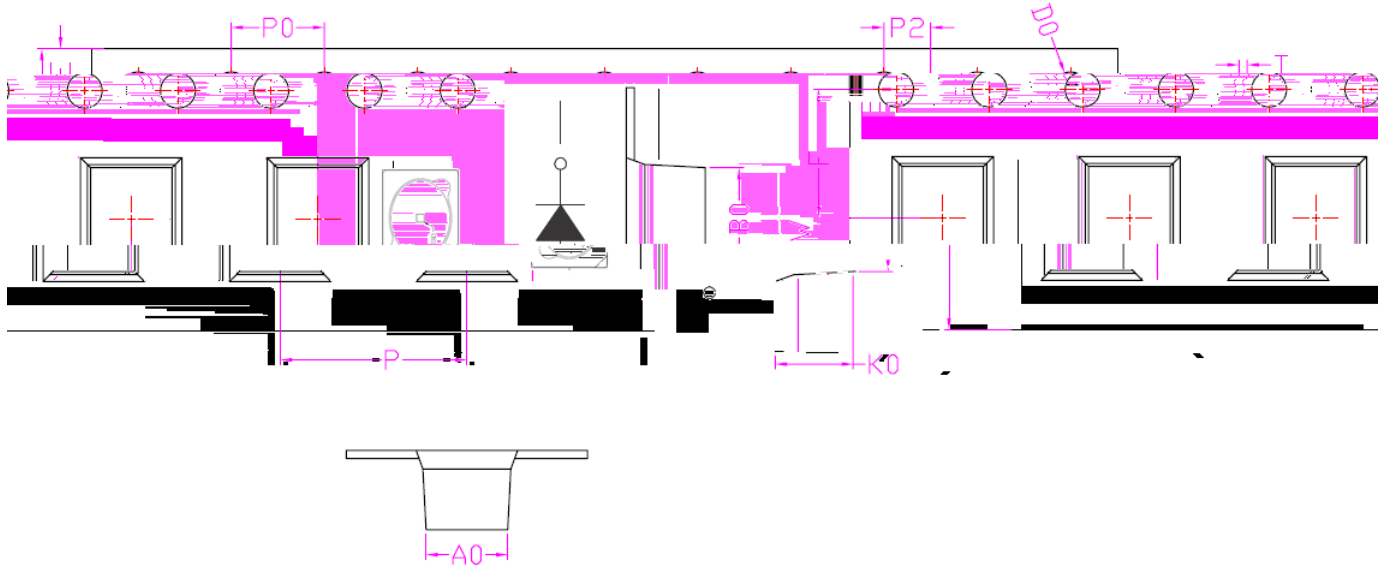
### Customer Defined Label

Ÿ ÷ Á -  
i H  
1•4Ÿ  
; >û U  
Ø mĭ -

RoHS

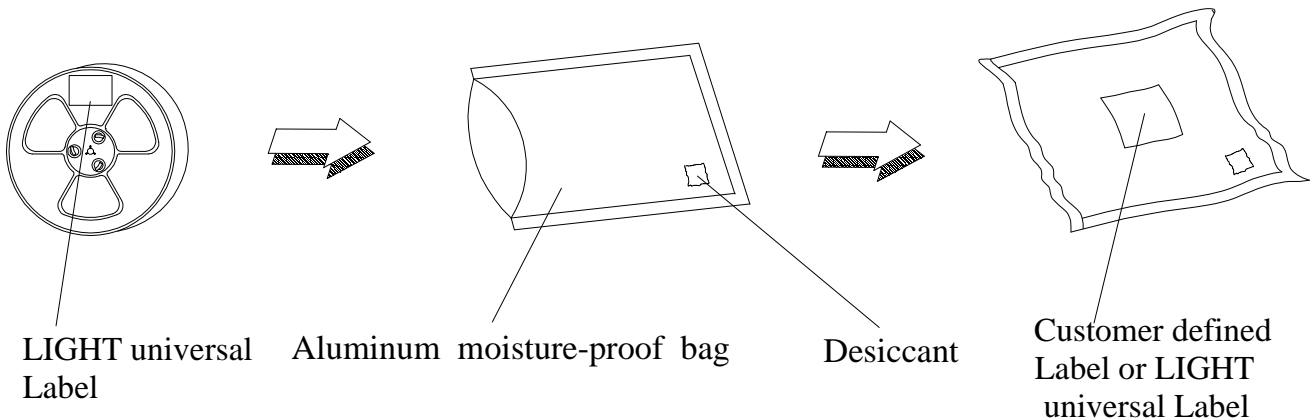
## Carrier Tape Specifications (Loaded Quantity: 2200pcs/reel)

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



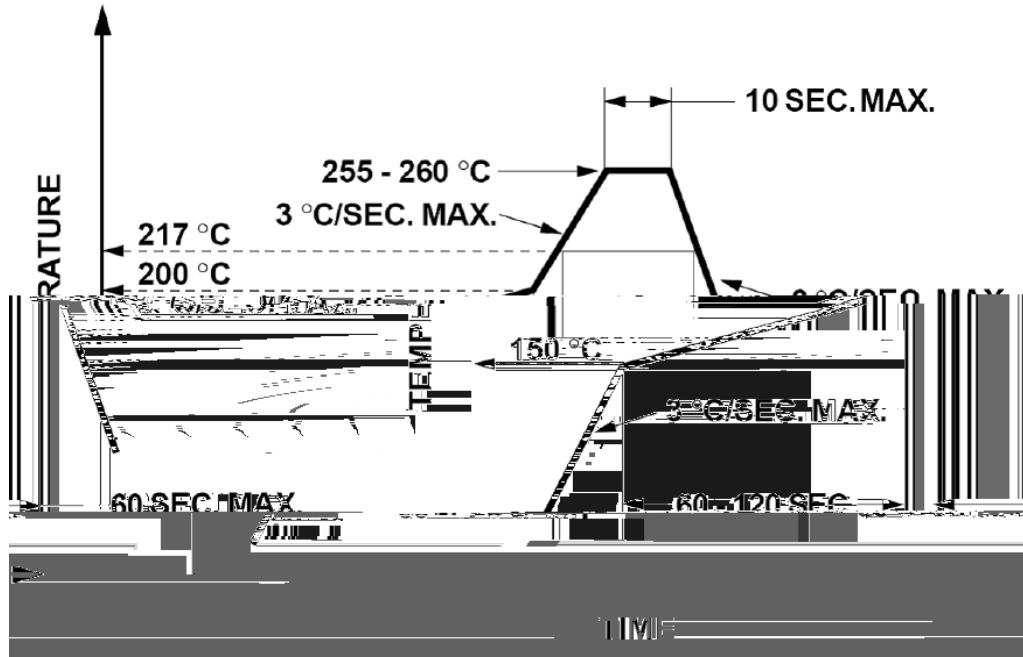
**Note:** Tolerance unless mentioned is  $\pm 0.1$ mm; Unit = mm

## 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.