

# SL-T0603IRC020-L55

## DATA SHEET

SPEC. NO. : SZ20050901  
DATE : 2020/10/22  
REV. : A/2

Approved By:

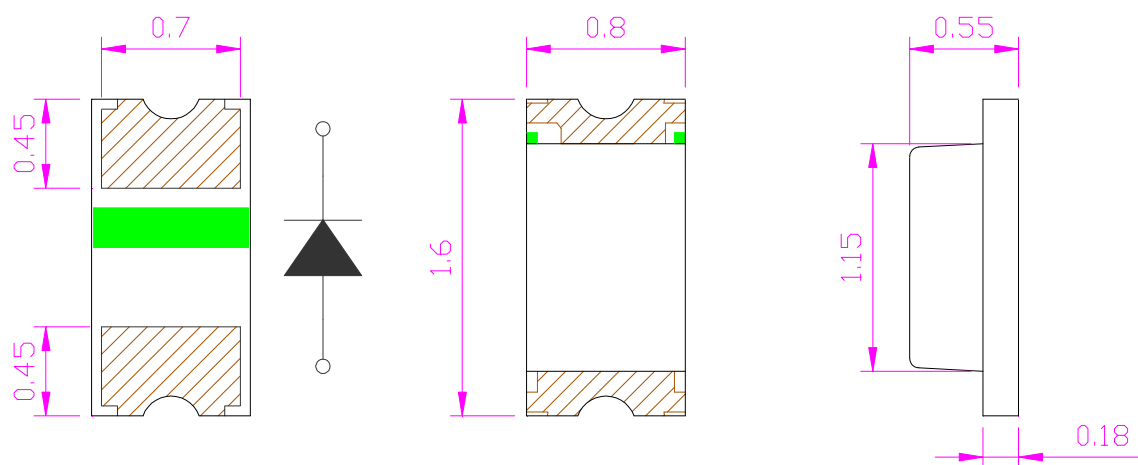
Checked By:

Prepared By:

### Features

- Pb free product—RoHS compliant
- Low power consumption, High efficiency
- Reliable and rugged
- Long life – solid state reliability
- Good spectral matching to Si photo detector

### Package Dimension



| Part NO.           | Chip Material | Lens Color  |
|--------------------|---------------|-------------|
| SL-T0603IRC020-L55 | AlGaAs        | Water Clear |

#### Notes:

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





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

### Infrared Emitting Diode Specification

●Commodity: Infrared Emitting Diode

●Radiant Intensity Bin Code (At 20mA)

| BIN CODE | Min.(mW/sr) | Max. (mW/sr) |
|----------|-------------|--------------|
| 15       | 1.3         | 1.55         |
| 16       | 1.55        | 1.85         |
| 17       | 1.85        | 2.2          |
| 18       | 2.2         | 2.6          |
| ...      | ...         | ...          |

**NOTE:** The I<sub>e</sub> guarantee should be added  $\pm 15\%$  tolerance.

### Label Explanation

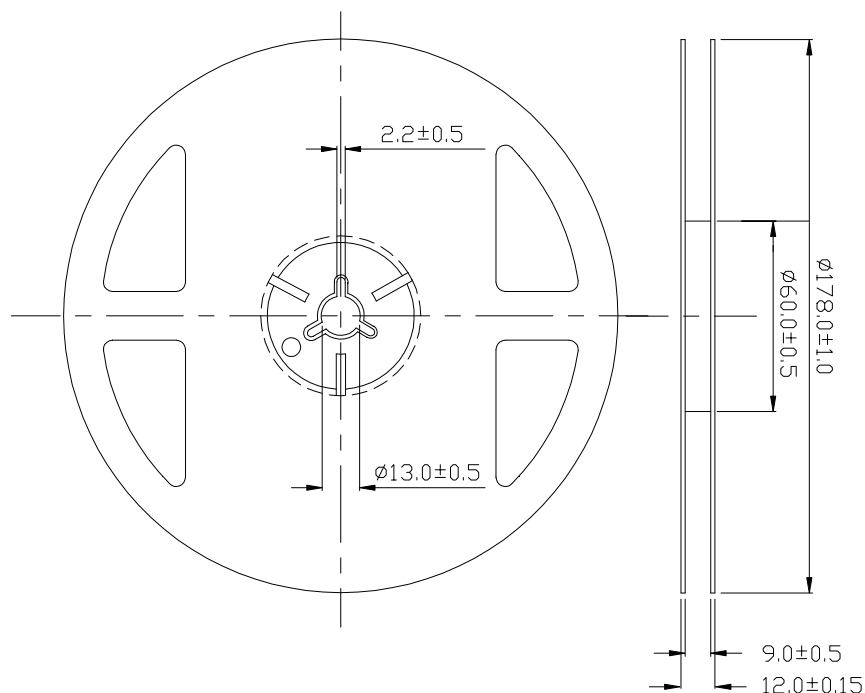
LIGHT Universal Label  
(Reel Label)

|                                             |                                                                                   |                                                                                   |
|---------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <b>LIGHT</b><br>Light Electronics CO., LTD. |                                                                                   |  |
| MODEL NAME: _____                           |  | LOT NO.: _____                                                                    |
| QUANTITY: _____                             |                                                                                   |                                                                                   |
| BIN: _____                                  |                                                                                   |                                                                                   |
| PACKING DATE: _____                         |                                                                                   |                                                                                   |
| REMARKS: _____                              |                                                                                   |                                                                                   |

Customer Defined Label  
(Aluminum Moisture Proof Bag Label)

|                                             |                                                                                     |                                                                                     |
|---------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>LIGHT</b><br>Light Electronics CO., LTD. |                                                                                     |  |
| MODEL NAME: _____                           |  | LOT NO.: _____                                                                      |
| QUANTITY: _____                             |                                                                                     |                                                                                     |
| BIN: _____                                  |                                                                                     |                                                                                     |
| PACKING DATE: _____                         |                                                                                     |                                                                                     |
| CUSTOMER P/N: _____                         |                                                                                     |                                                                                     |

### Reel Dimensions



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



