

# **LG-ITR2C-191312**

## **DATA SHEET**

SPEC.NO. : SZ21101102  
DATE : 2021/10/11  
REV. : A/

Approved By:

Checked By:

Prepared By:



**LIGHT**

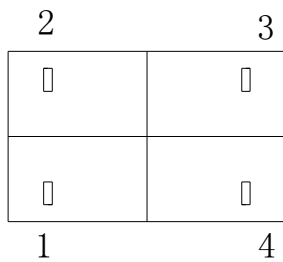
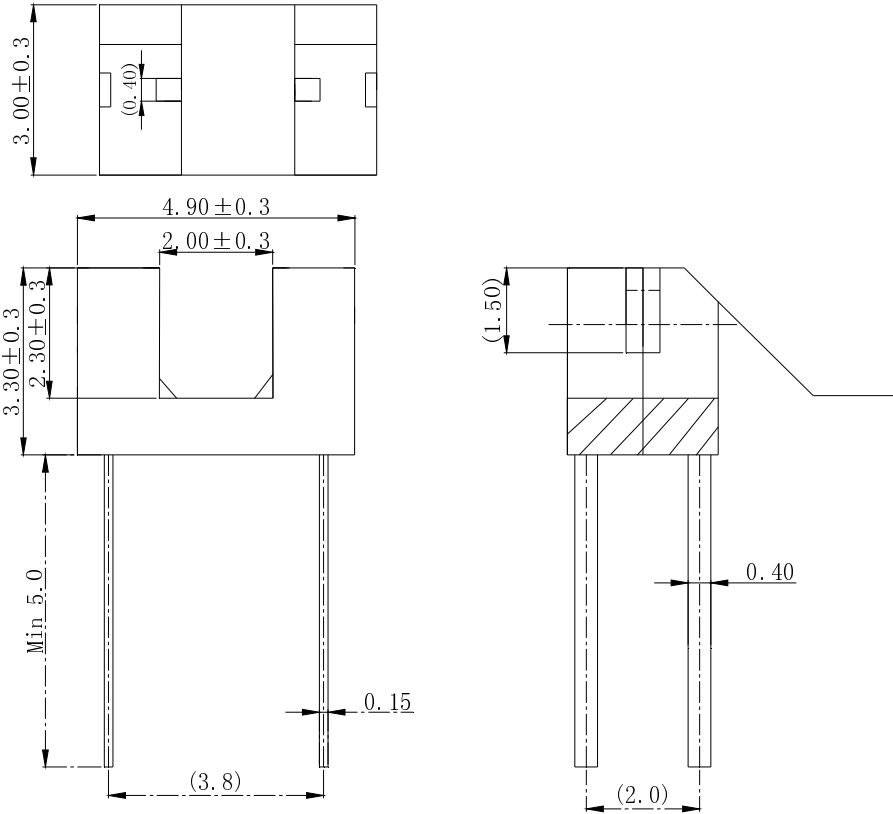
**LIGHT ELECTRONICS CO., LTD.**

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## ■ Package Dimensions



- 1: Cathode
- 2: Anode
- 3: Collector
- 4: Emitter

### Notes:

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### ■ Absolute Maximum Ratings (Ta=25°C)

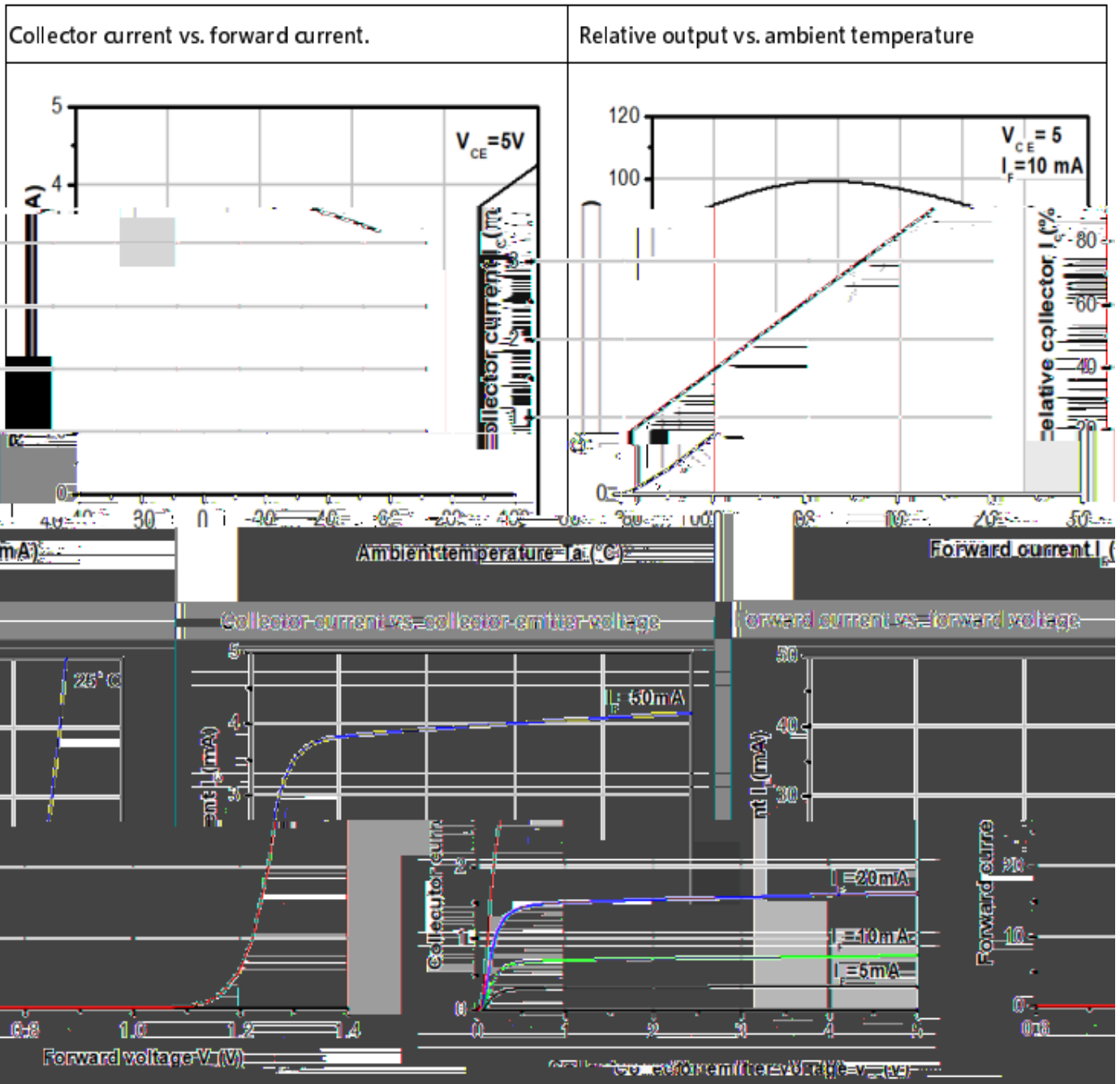
Symbol	Parameter	Unit	Value
T <sub>stg</sub>	Storage temperature	°C	-40 to 100
	Operating temperature	°C	-40 to 100
	Temperature when mounting	°C	25
	Temperature when soldering	°C	260
T <sub>op</sub>	Operating temperature	°C	-40 to 100
	Temperature when mounting	°C	25
	Temperature when soldering	°C	260
	Temperature when reflowing	°C	260
T <sub>case</sub>	Case temperature	°C	-40 to 100
	Temperature when mounting	°C	25
	Temperature when soldering	°C	260
T <sub>case</sub>	Case temperature	°C	-40 to 100
	Temperature when mounting	°C	25
	Temperature when soldering	°C	260
T <sub>case</sub>	Case temperature	°C	-40 to 100
	Temperature when mounting	°C	25
	Temperature when soldering	°C	260

\* The maximum junction temperature is 150°C.

### ■ Electro-Optical Characteristics (Ta=25°C)

Symbol	Parameter	Unit	Value
I <sub>f</sub>	Forward current	mA	20
	Reverse current	μA	1
	Reverse leakage current	μA	1
V <sub>f</sub>	Forward voltage	V	1.8
	Reverse voltage	V	5
	Reverse leakage current	μA	1
I <sub>o</sub>	Operating current	mA	20
	Reverse current	μA	1
	Reverse leakage current	μA	1
V <sub>o</sub>	Operating voltage	V	1.8
	Reverse voltage	V	5
	Reverse leakage current	μA	1

## Typical Electrical/Optical/Characteristics Curves



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