

LG-ITR2C-191312 DATA SHEET

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

Approved By:

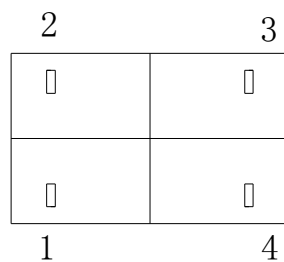
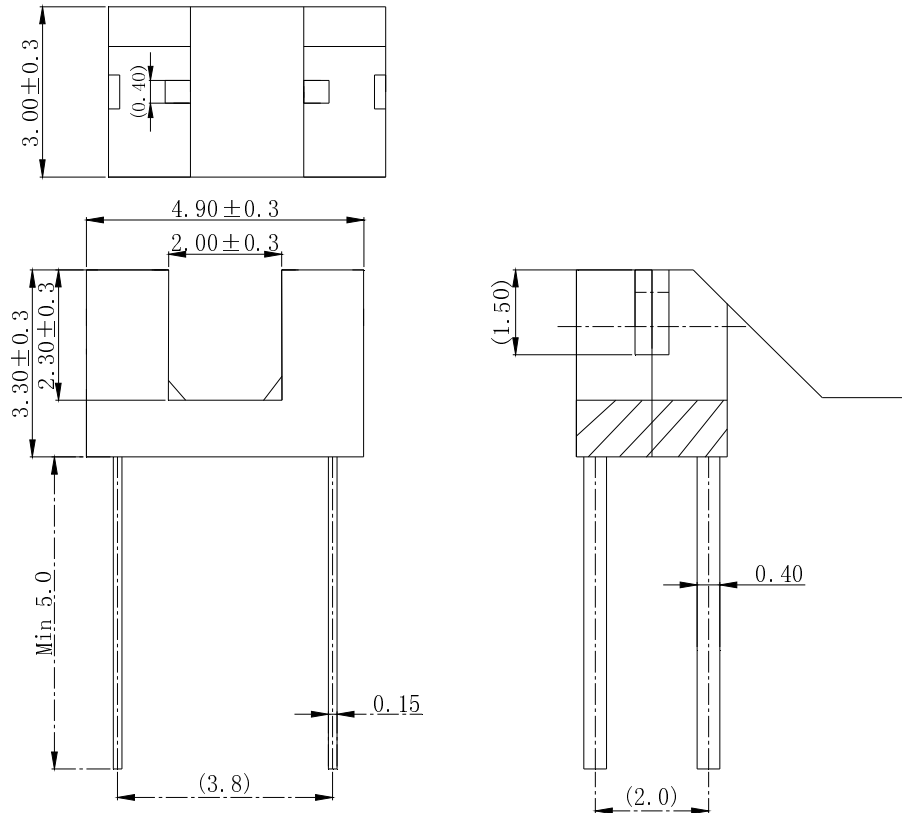
Checked By:

Prepared By:



LIGHT

■ Package Dimensions



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

Notes:

- All dimensions are in millimeters.
- Tolerance is $\pm 0.20\text{mm}$ unless otherwise noted.
- Lead spacing is measured where the leads emerge from the package.

■ Absolute Maximum Ratings (Ta=25°C)

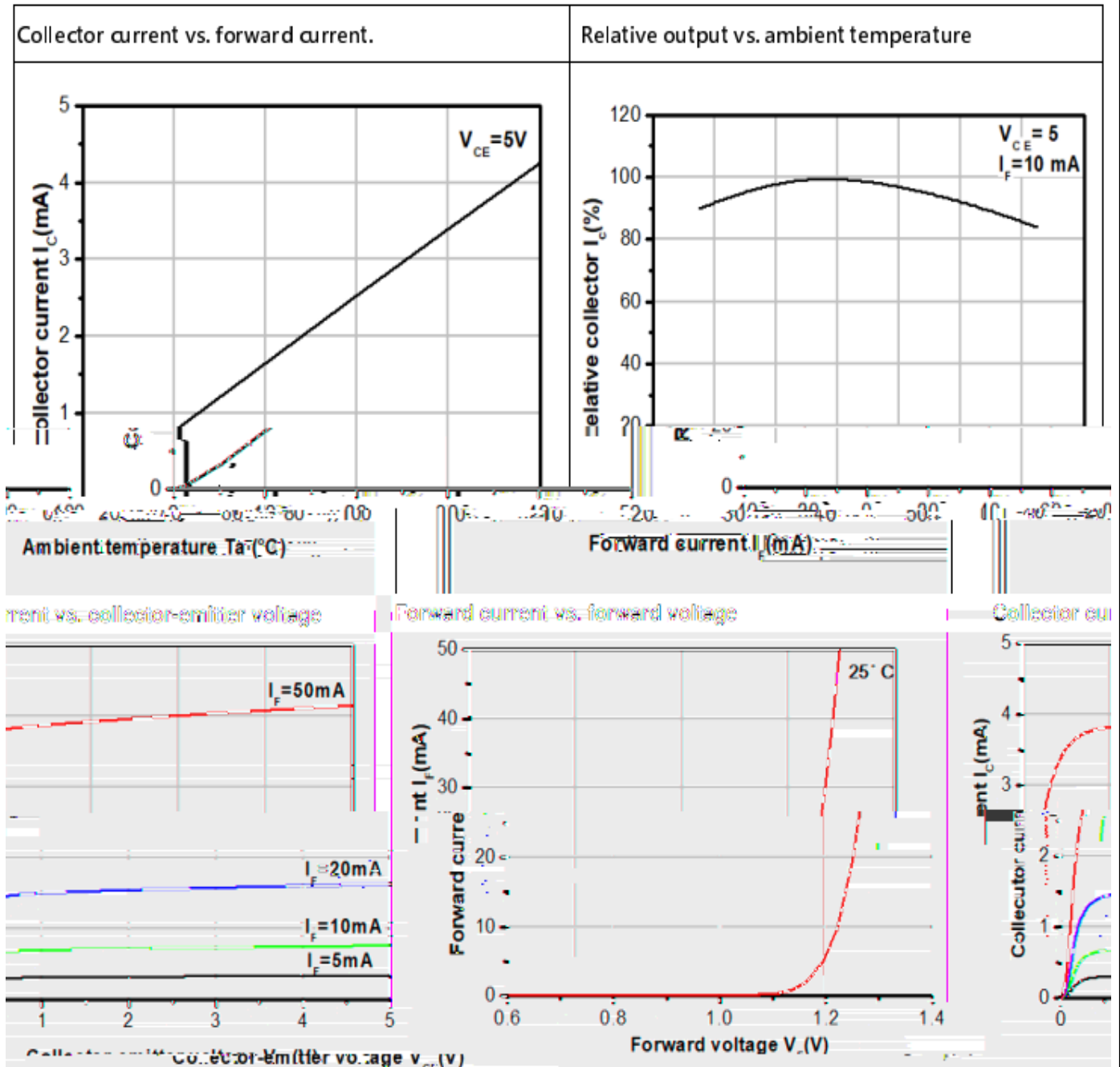
Symbol	Parameter	Min.	Max.	Unit
T _{stg}	Storage temperature	-55	150	°C
	Operating temperature	-40	85	°C
	Temperature at which mounting and soldering are performed	-40	260	°C
	Temperature at which reflow soldering is performed	-40	260	°C
T _{case}	Case temperature	-40	85	°C
	Temperature at which mounting and soldering are performed	-40	260	°C
	Temperature at which reflow soldering is performed	-40	260	°C
	Temperature at which the device is stored	-55	150	°C
T _{amb}	Ambient temperature	-40	85	°C
T _{top}	Top surface temperature	-40	85	°C
T _{bottom}	Bottom surface temperature	-40	85	°C

* The maximum junction temperature is 150°C.

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

Symbol	Parameter	Min.	Max.	Unit
I _f	Forward current	0	20	mA
	Peak forward current	0	30	mA
	Reverse current	0	1	mA
V _f	Forward voltage	1.2	1.8	V
	Reverse voltage	0	5	V
I _r	Reverse current	0	1	mA
	Peak reverse current	0	1	mA
	Reverse current	0	1	mA
I _o	Operating current	0	20	mA
	Peak operating current	0	30	mA
	Reverse current	0	1	mA

Typical Electrical/Optical/Characteristics Curves



■ Typical Electrical/Optical/Characteristics Curves

