

# LG-ITR2C-502725-3.1

## DATA SHEET

SPEC.NO. : SZ18080411  
DATE : 2024/08/13  
REV. : B/2

Approved By:

Checked By:

Prepared By:

## %^ Features

- A Fast response time
- A High analytic
- A Cut-off visible wavelength  $\lambda = 940\text{nm}$
- A High sensitivity
- A Pb free
- A The product itself will remain within RoHS compliant version



## %^ Descriptions

The LG-ITR2C-502725-3.1 consist of an infrared emitting diode and an NPN silicon phototransistor, encased side-by-side on converging optical axis in a black Thermoplastic Housing. The phototransistor receives radiation from the IRED only. This is the normal Situation. But when an object is in between, phototransistor could not receives the radiation.

## %^ Applications

- A Mouse Copier
- A Switch Scanner
- A Floppy disk driver
- A Non-contact Switching
- A For Direct Board

## %^ Device Selection Guide

Device No.	Chip Material	LENS COLOR
IR	GaAlAs	Water Clear
PT	Silicon	Water Clear

LIGH

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## ^ Absolute Maximum Ratings (Ta=25! )

	Parameter	Symbol	Ratings	Unit
Input	Power Dissipation at(or below)	P		
	25 Free Air Temperature			



