

# LG-ITR2C-502725-3.1

## DATA SHEET

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

Approved By:

Checked By:

Prepared By:

## Features

- ▲Fast response time
- ▲High analytic
- ▲Cut-off visible wavelength  $\lambda_p=940\text{nm}$
- ▲High sensitivity
- ▲Pb free
- ▲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

- ▲Mouse Copier
- ▲Switch Scanner
- ▲Floppy disk driver
- ▲Non-contact Switching
- ▲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			

# LIGHT

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