

LG-ITR2C-502725-3.1

DATA SHEET

SPEC.NO. : SZ18080411
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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

Absolute Maximum Ratings (Ta=25)

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

Input

LIGHT



