

■ Features

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

■ Descriptions

The LG-ITR2C-262519 consist of an infrared emitting diode and an NPN silicon phototransistor, encased side-by-side on converging optical axis in a black Thermoplastic

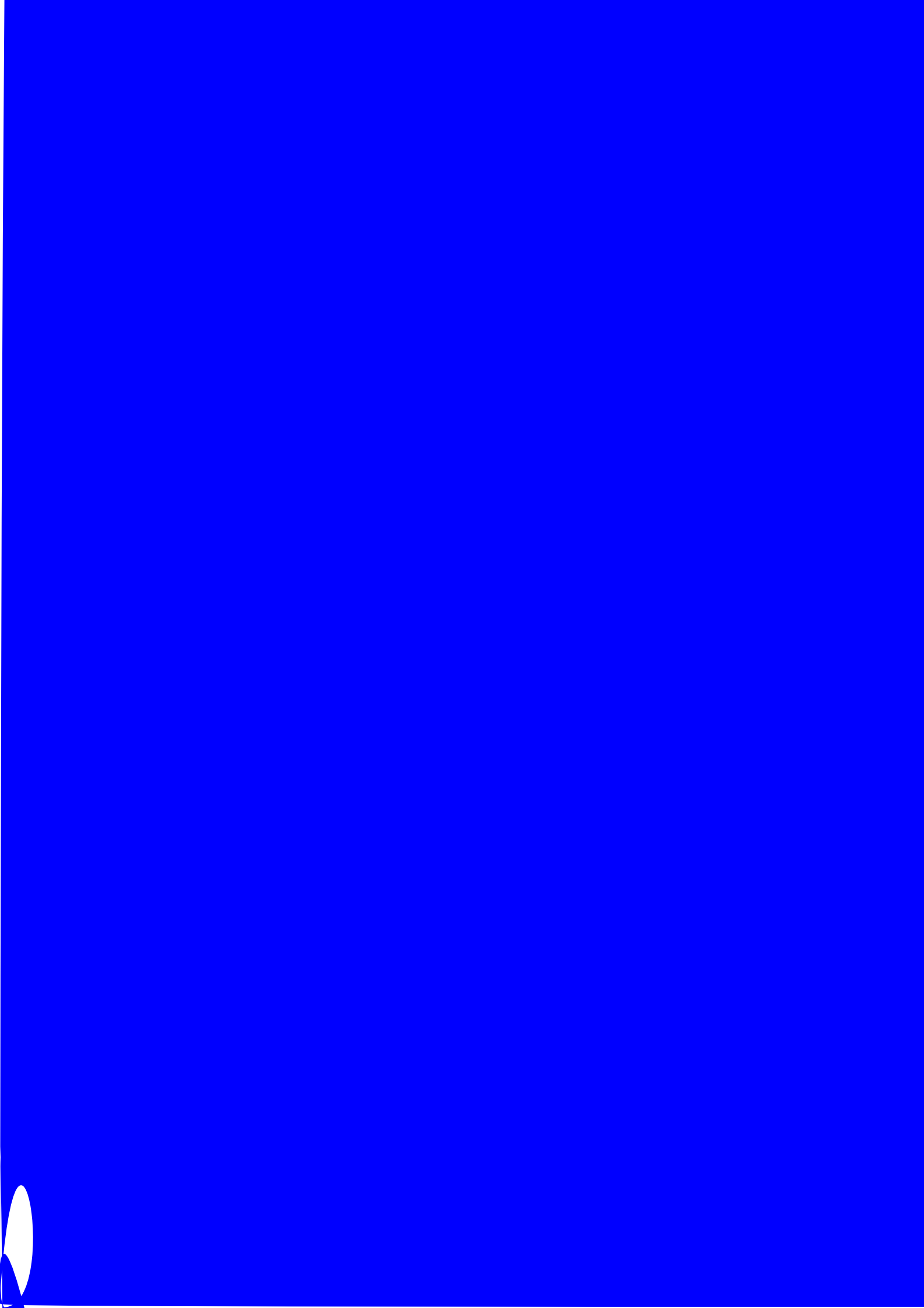
Housing The phototransistor receives radiation from the IRED only .This is the normal Situation. But when an object is in between , phototransistor could not receives the radiation.

■ 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 | Black |



Absolute Maximum Ratings (Ta=25°C)

| | A | A | C | | |
|--|---|---|---|--|--|
|--|---|---|---|--|--|

) , = 8

Electro-Optical Characteristics (Ta=25°C)



■ Typical Electrical/Optical/Characteristics Curves for IR

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