

# GP1A51HRJ00F

Gap : 3mm, Slit : 0.5mm  
\*OPIC Output  
Case package Transmissive  
Photointerrupter



## ■ Description

**GP1A51HRJ00F** is a standard, OPIC output, transmissive photointerrupter with opposing emitter and detector in a case, providing non-contact sensing. For this family of devices, the emitter and detector are inserted in a case, resulting in a through-hole design.

The case includes additional screw fixing holes, on both sides 3.2mm diameter.

## ■ Features

1. Transmissive with OPIC output
2. Highlights:
  - Vertical Slit for alternate motion detection
  - Output Low Level at intercepting optical path
  - Includes additional screw fixing holes
3. Key Parameters:
  - Gap Width : 3mm
  - Slit Width (detector side) : 0.5mm
  - Package : 12.2×10×18mm
4. RoHS directive compliant

## ■ Agency approvals/Compliance

1. Compliant with RoHS directive

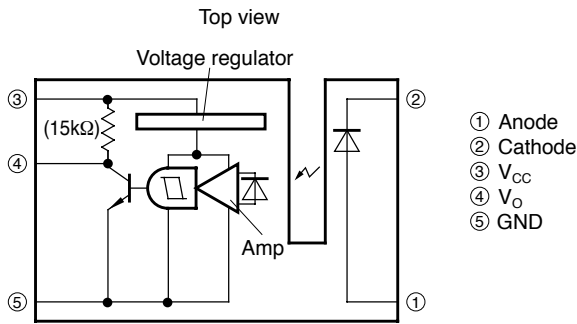
## ■ Applications

1. General purpose detection of object presence or motion.
2. Example : Printer, FAX, Optical storage unit

\* "OPIC"(Optical IC) is a trademark of the SHARP Corporation. An OPIC consists of a light-detecting element and a signal-processing

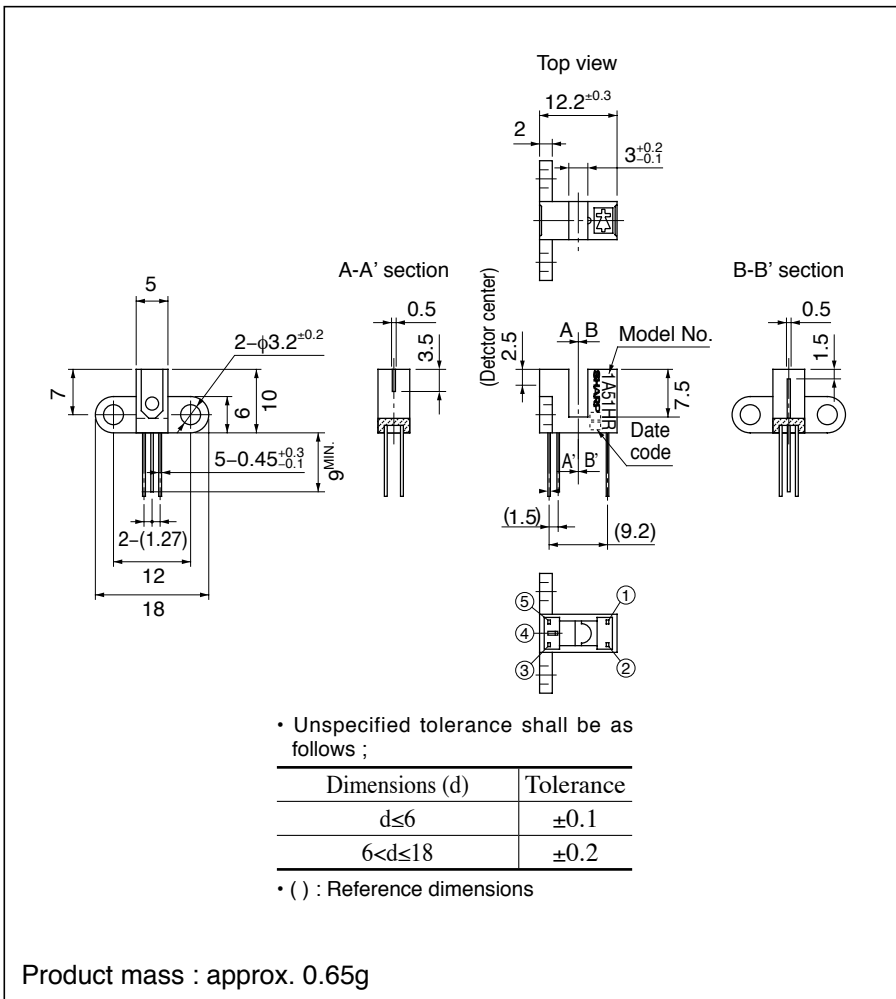
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■ Internal Connection Diagram



■ Outline Dimensions

(Unit : mm)



Dip soldering material : Sn-3Ag-0.5Cu