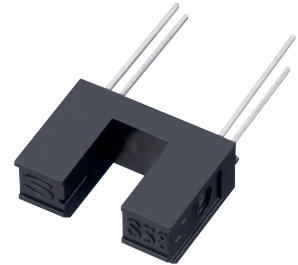


# GP1S58VJ000F

Gap : 5mm, Slit : 0.5mm  
Phototransistor Output,  
Case package Transmissive  
Photointerrupter



## ■ Description

**GP1S58VJ000F** is a standard, phototransistor 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.

This device uses positioning pins to insure accurate placement and avoid miss-orientation of the emitter and detector.

## ■ Features

1. Transmissive with phototransistor output
2. Highlights :
  - Vertical Slit for alternate motion detection
  - Positioning Pin to prevent misalignment
3. Key Parameters :
  - Gap Width : 5mm
  - Slit Width (detector side): 0.5mm
  - Package : 13.7×10×5.2mm
4. RoHS directive compliant

## ■ Agency approvals/Compliance

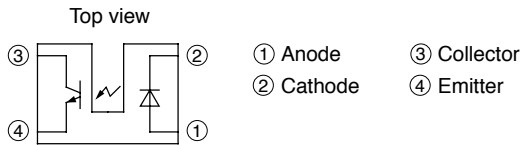
1. Compliant with RoHS directive

## ■ Applications

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

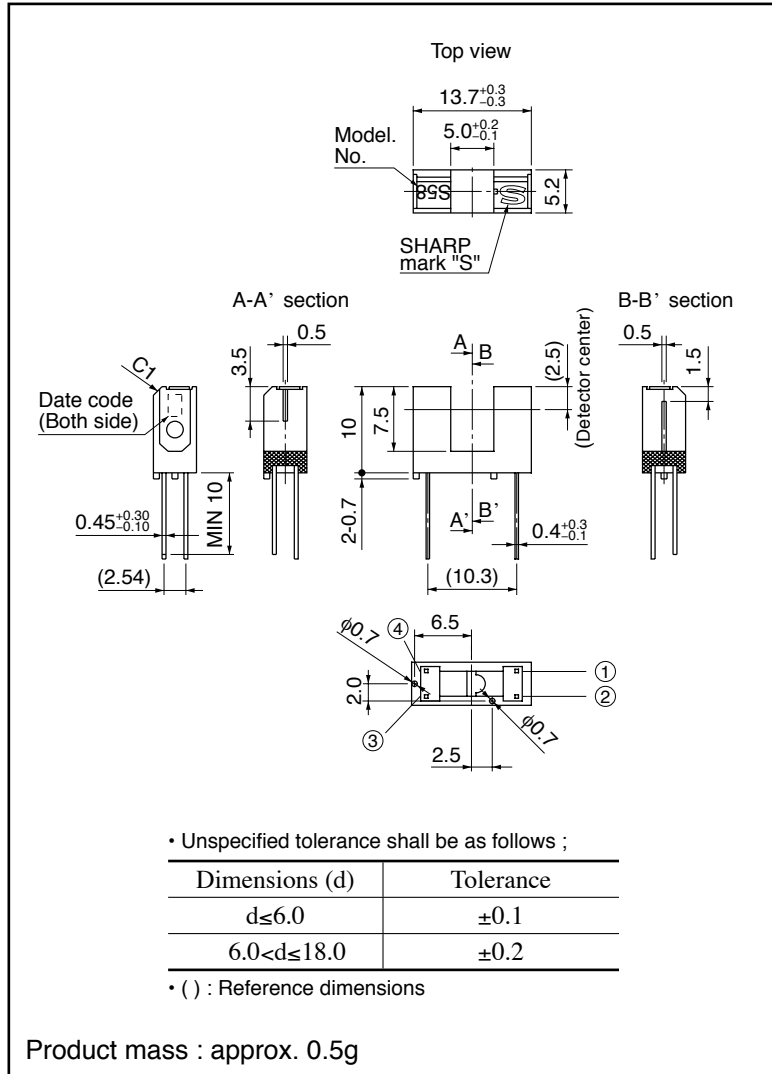
Notice The content of data sheet is subject to change without prior notice.  
In the absence of confirmation by device specification sheets, SHARP takes no responsibility for any defects that may occur in equipment using any SHARP devices shown in catalogs, data books, etc. Contact SHARP in order to obtain the latest device specification sheets before using any SHARP device.

## Internal Connection Diagram



## Outline Dimensions

(Unit : mm)



Dip soldering material : Sn-3Ag-0.5Cu